



# **A checklist of Zimbabwean grasses**

by  
**Christopher Chapano**

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**Christopher Chapano**

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Biodiversity Institute**



**Research and Specialist Services  
ZIMBABWE**



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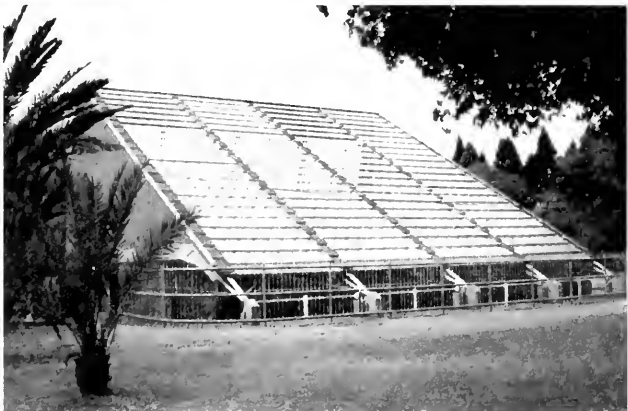
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Education Centre in the National Botanic Garden.  
(Photo: Anthony Mapaura)



Desert House in the National Botanic Garden.  
(Photo: Anthony Mapaura)



Entrance to the National Herbarium. (Photo: Anthony Mapaura)



Botanic Garden Restaurant. (Photo: Anthony Mapaura)



## Introduction

The flora of Zimbabwe comprises about 6 000 plant species belonging to over 200 families. Of this number, the grass family Poaceae, is the largest and can easily be considered as the most important. It accounts for about 540 species, 22 of which are naturalized, spread over 152 genera. This accounts for approximately 10% of the national vascular plant collection.

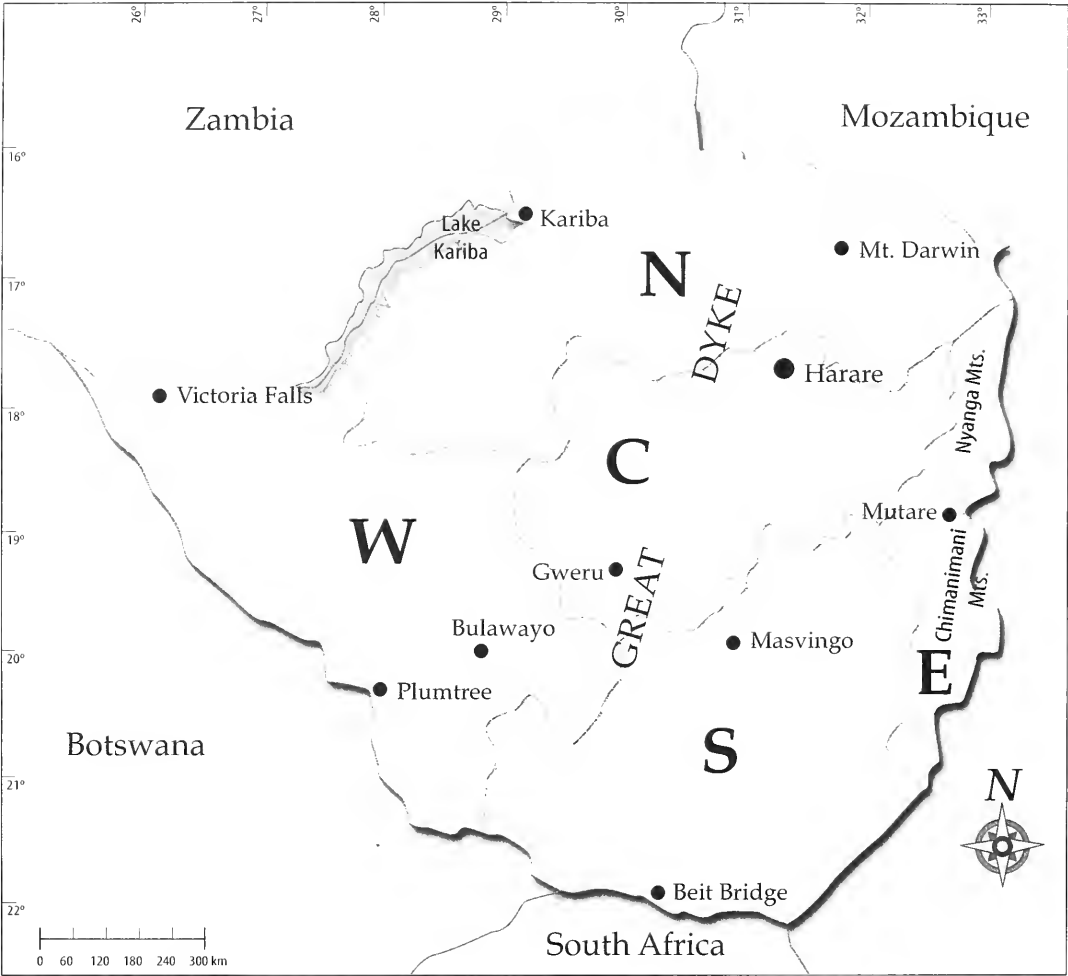
This checklist is derived from the grass collection that is housed at the National Herbarium of Zimbabwe (SRGH). The arrangement is numerical according to Clayton & Renvoize (1986). An alphabetical list is provided as an index to guide other users not familiar with the Clayton & Renvoize system. Synonyms were taken from the main references on the grasses of Zimbabwe—Fernandes *et al.* (1971), Bennett (1980), Launert & Pope (1989) and Pope (1999). Author citations for species follow Brummitt & Powell (1992) and Brummitt (1992) for genera.

The checklist is followed by maps showing the national distribution of 26 grass species which play an important role in the Zimbabwean economy and agriculture. Some species of *Oryza* and *Eleusine* are important as crops, while others like *Hyparrhenia* are of importance in the construction industry both at household level and for commercial use.

## Guide for using this checklist

- i) Accepted genus and species names are in bold print, e.g. **Oxytenanthera abyssinica**. Author names of species are not given after the equal sign (=).
- ii) Synonyms are in italics, e.g. *Bambusa abyssinica*. Not all synonyms for a species are listed.
- iii) Naturalized taxa are preceded by an asterisk (\*) e.g. **Festuca \*arundinacea**. These are species that were introduced from outside Zimbabwe but now occur in the wild as part of the natural flora.
- iv) Letters after the author name(s) and separated by commas, indicate the distribution of species within Zimbabwe as reflected by the SRGH collection. A map showing these geographical divisions is given overleaf. N, northern; W, western; C, central; E, eastern; and S, southern.

# Map of the floristic regions of Zimbabwe



C, central; E, eastern; N, northern; S, southern; W, western.



# Checklist of Zimbabwean grasses

- 39 **BAMBUSA** Schreb.  
*abyssinica* A.Rich. = **Oxytenanthera abyssinica**  
*balcooa* Roxb., C
- 47 **OXYTENANTHERA** Munro  
*abyssinica* (A.Rich.) Munro, N, W, C, E  
(*Bambusa abyssinica* A.Rich.)  
(*O. borzii* Mattei)
- 52 **OLYZA** L.  
*latifolia* L., E
- 76 **ORYZA** L.  
*barthii* A.Chev., N  
*longistaminata* A.Chev. & Roehr., N, W, C  
*punctata* Steud., S
- 81 **LEERSIA** Sw.  
*denudata* Launert, N, C, E, S  
*hexandra* Sw., N, W, C, E, S
- 89 **EHRHARTA** Thunb.  
*erecta* Lam. var. *natalensis* Stapf  
*erecta* Lam. var. *erecta*, E
- 104 **FESTUCA** L.  
*\*arundinacea* Schreb., C  
*abyssinica* A.Rich., E  
*africana* (Hack.) Clayton, E  
(*Pseudobromus africanus* (Hack.) Stapf)  
(*Pseudobromus silvaticus* K.Schum.)  
*caprina* Nees, E  
(*F. nubigena* subsp. *caprina* (Nees) St.-Yves)  
*costata* Nees, E  
(*F. milanijana* Rendle)  
*engleri* (Pilg.) Clayton, E  
(*Pseudobromus engleri* (Pilg.) Clayton)  
*fusca* L. = **Leptochloa fusca**  
*milanijana* Rendle = **F. costata**  
*nubigena* subsp. *caprina* (Nees) St.-Yves =  
**F. caprina**
- 104/1 **PSEUDOBROMUS** K.Schum.  
*africanus* (Hack.) Stapf = **Festuca africana**  
*engleri* (Pilg.) Clayton = **Festuca engleri**  
*silvaticus* K.Schum. = **Festuca africana**
- 109 **LOLIUM** L.  
*\*multiflorum* Lam., C, E  
*\*perenne* L., W, C, E, S  
*\*temulentum* L., C, E
- 121 **BRIZA** L.  
*\*maxima* L., W, E
- \*minor* L., C, E
- 124 **POA** L.  
*\*annua* L., N, W, C, E  
(*P. bipollicaris* Hochst.)  
*binata* Nees, E  
*bipollicaris* Hochst. = **P. annua**  
*gangetica* Roxb. = **Eragrostis gangetica**  
*leptoclada* A.Rich., W, E  
*pilosa* L. = **Eragrostis pilosa**  
*sarmentosa* Thunb. = **Eragrostis sarmentosa**  
*tef* Zuccagni = **Eragrostis tef**
- 125 **DACTYLIS** L.  
*\*glomerata* L., C, E
- 164 **STREBLOCHAETE** Pilg.  
*longiarista* (A.Rich.) Pilg., E
- 171 **HELICOTOTRICHON** Schult.  
*elongatum* (A.Rich.) C.E.Hubb., C, E, S
- 173 **AVENA** L.  
*\*byzantina* K.Koch, C  
*\*fatua* L., C  
*\*sterilis* L., C, S
- 181 **KOELERIA** Pers.  
*capensis* (Steud.) Nees, E  
(*Aira capensis* Steud.)  
(*K. cristata* sensu A.Rich.)  
*cristata* sensu A.Rich. = **K. capensis**
- 188 **HOLCUS** L.  
*\*lanatus* L., E
- 191 **AIRA** L.  
*capensis* Steud. = **Koeleria capensis**
- 195 **ANTHOXANTHUM** L.  
*\*odoratum* L., C
- 196 **PHALARIS** L.  
*\*minor* Retz., N, W, C, E, S
- 197 **AGROSTIS** L.  
*alba* var. *schimperiana* (Steud.) Engl. =  
**A. schimperiana**  
*continuata* Stapf, C, E  
*greenwayi* C.E.Hubb. = **A. producta**  
*lachnantha* Nees, N, W, C, E  
(*A. lachnantha* Nees var. *glabra* Gooss. & Papendorf)  
*lachnantha* Nees var. *glabra* Gooss. & Papendorf = **A. lachnantha**

- 197 **AGROSTIS** L. (cont.)  
**producta** Pilg., E  
 (*A. greenwayi* C.E.Hubb.)  
*schimperiana* Steud. = **Polypogon schimperianus**  
 (*A. alba* var. *schimperiana*)
- 212 **POLYPOGON** Desf.  
**\*monspeliensis** (L.) Desf., S  
*semiverticillatus* (Forssk.) Hyl. = **P. viridis schimperianus** (Steud.) Cope, E  
 (*Agrostis alba* var. *schimperiana* (Steud.) Engl.)  
 (*Agrostis schimperiana* Steud.)  
**\*viridis** (Gouan) Breistr.  
 (*P. semiverticillatus* (Forssk.) Hyl.)
- 227 **BRACHYPODIUM** P.Beauv.  
**flexum** Nees, E
- 250 **BROMUS** L.  
**\*catharticus** Vahl, N, W, C, E  
 (*B. unioloides* Kunth)  
**\*diandrus** Roth, C  
**\*hordeaceus** L. subsp. **ferronii** (Mabille) P.M.Sm., C  
**\*inermis** Leyss., C  
**leptoclados** Nees, E  
**pectinatus** Thunb., C  
*unioloides* Kunth = **B. catharticus**
- 255 **TRIBOLIUM** Desv.  
**\*pusilla** Nees, S
- 257 **ELYTROPHORUS** P.Beauv.  
**globularis** Hack., N, W, C  
**spicatus** (Willd.) A.Camus, N, W, C
- 293 **PHRAGMITES** Adans.  
**australis** (Cav.) Steud., N, W, C, E  
**mauritanus** Kunth, N, W, C, E, S
- 297 **SARTIDIA** De Winter  
**angolensis** (C.E.Hubb.) De Winter, W, S
- 298 **STIPAGROSTIS** Nees  
**hirtigluma** (Trin. & Rupr.) De Winter subsp.  
**patula** (Hack.) De Winter, S  
**uniplumis** (Licht.) De Winter var. **intermedia**  
 (Schweick.) De Winter, N, W, S  
**uniplumis** (Licht.) De Winter var. **neesii**  
 (Trin. & Rupr.) De Winter, W, S  
**uniplumis** (Licht.) De Winter var. **uniplumis**, S
- 299 **ARISTIDA** L.  
**adscensionis** L., N, W, C, E, S  
 (*A. adscensionis* L. subsp. *guineensis* (Trin. & Rupr.) Henrard)  
 (*A. curvata* (Nees) T.Durand & Schinz)  
*adscensionis* L. subsp. *guineensis* (Trin. & Rupr.)
- Henrard = **A. adscensionis**  
**aequiglumis** Hack., N, C, S  
*andoniensis* Henrard = **A. rhiniochloa**  
*argentea* Schweick. = **A. mollissima** subsp.  
**argentea**  
*atroviolacea* Hack. = **A. recta**  
*barbicollis* Trin. & Rupr. = **A. congesta** subsp.  
**barbicollis**  
*borumensis* Henrard = **A. scabrivalvis** subsp.  
**borumensis**  
**brainii** Melderis, W  
 (*A. serrulata* sensu Stent & J.M.Ratray)  
**canescens** Henrard subsp. **canescens**, N, W  
**congesta** Roem. & Schult. subsp. **barbicollis**  
 (Trin. & Rupr.) De Winter, N, W, C, E, S  
 (*A. barbicollis* Trin. & Rupr.)  
**congesta** Roem. & Schult. subsp. **congesta**, N, W, C, E, S  
*contractinodis* Stent & J.M.Ratray = **A. junciformis** subsp. **macilenta**  
**cumingiana** Trin. & Rupr., N, C  
 (*A. delicatula* A.Rich.)  
*cumingiana* var. *diminuta* (Mez) Jacq.-Fél. = **A. diminuta**  
*cumingiana* var. *usiseta* Stent & J.M.Ratray = **A. diminuta**  
*curvata* (Nees) T.Durand & Schinz = **A. adscensionis**  
*delicatula* A.Rich. = **A. cumingiana**  
**denudata** Pilg., W, C  
**diffusa** Trin. subsp. **burkei** (Stapf) Melderis, N  
 (*A. diffusa* Trin. var. *burkei* (Stapf) Schweick.)  
*diffusa* Trin. var. *burkei* (Stapf) Schweick. = **A. diffusa** subsp. **burkei**  
**diminuta** (Mez) C.E.Hubb., N, W, C, E, S  
 (*A. cumingiana* var. *diminuta* (Mez) Jacq.-Fél.)  
 (*A. cumingiana* var. *usiseta* Stent & J.M.Ratray)  
*eriphora* Henrard = **A. leucophaea**  
*filiformis* Henrard = **A. scabrivaivis** subsp. **borumensis**  
*fontismagui* Schweick. = **A. stipoides**  
*graciliflora* Pilg. = **A. stipitata** subsp. **graciliflora**  
**hispidula** Henrard, N, W, S  
**hordeacea** Kunth, N, W, C, S  
**junciformis** Trin. & Rupr. subsp. **macilenta**  
 (Henrard) Melderis, N, W, C, E, S  
 (*A. contractinodis* Stent & J.M.Ratray)  
 (*A. macilenta* Henrard)  
**junciformis** Trin. & Rupr. subsp. **welwitschii**  
 (Rendle) Melderis, N, W, C, E, S  
 (*A. pardy* Stent & J.M.Ratray)  
**leucophaea** Henrard, W, C, S  
 (*A. eriphora* Henrard)  
*macilenta* Henrard = **A. junciformis** subsp. **macilenta**  
**meridionalis** Henrard, N, W, C, E, S  
**mollissima** Pilg. subsp. **argentea** (Schweick.) Melderis, W, E, S

- (*A. argentea* Schweick.)  
**mollissima** Pilg. subsp. **mollissima**, N, W, C, S  
*parayi* Stent & J.M.Ratray = **A. junciformis** subsp. **welwitschii**  
**pilgeri** Henrard, N, W, C, E, S  
*ramifera* Pilg. = **A. stipitata** subsp. **ramifera**  
**recta** Franch., N, C, E  
(*A. atrovioleacea* Hack.)  
**rhiniochloa** Hochst., N, W, C, E, S  
(*A. andoniensis* Henrard)  
**scabrivalvis** Hack. subsp. **borumensis** (Henrard) Melderis, N, W, C, S  
(*A. borumensis* Henrard)  
(*A. filiformis* Henrard)  
**scabrivalvis** Hack. subsp. **contracta** (De Winter) Melderis, N, W, C, E  
**scabrivalvis** Hack. subsp. **scabrivalvis**, N, W, C, E, S  
*serrulata* sensu Stent & J.M.Ratray = **A. brainii**  
**stipitata** Hack. subsp. **graciliflora** (Pilg.) Melderis, N, W, C, S  
(*A. stipitata* Hack. var. *graciliflora* (Pilg.) De Winter)  
(*A. graciliflora* Pilg.)  
**stipitata** Hack. subsp. **ramifera** (Pilg.) Melderis, C  
(*A. ramifera* Pilg.)  
**stipitata** Hack. subsp. **robusta** (Stent & J.M.Ratray) Melderis, N, W, C, S  
(*A. stipitata* var. *robusta* (Stent & J.M.Ratray) De Winter)  
**stipitata** Hack. subsp. **spicata** (De Winter) Melderis, S  
**stipitata** Hack. subsp. **stipitata**, W, C, S  
*stipitata* Hack. var. *graciliflora* (Pilg.) De Winter = **A. stipitata** subsp. **graciliflora**  
*stipitata* Hack. var. *robusta* (Stent & J.M.Ratray) De Winter = **A. stipitata** subsp. **robusta**  
**stipoides** Lam., W, S  
(*A. fontismagnii* Schweick.)  
**transvaalensis** Henrard, W  
**vestita** Thunb., N, W, C, E, S  
(*Chaetaria vestita* (Thunb.) Beauv.)  
*vinosa* Henrard = **A. stipitata** subsp. **graciliflora**
- 299/1 **CHAETARIA** P.Beauv.  
*vestita* (Thunb.) Beauv. = **Aristida vestita**
- 301 **ENNEAPOGON** P.Beauv.  
**cenchroides** (Roem. & Schult.) C.E.Hubb., N, W, E, S  
**desvauxii** P.Beauv., S  
**scoparius** Stapf, W, E, S
- 302 **SCHMIDTIA** Steud. ex J.A. Schmidt  
**pappophoroides** Steud., N, W, C, E, S
- 324 **TRIRAPHIS** R.Br.  
**schinzii** Hack., W, C, E, S
- 337 **LEPTOCHLOA** P.Beauv.  
**chinensis** (L.) Nees, E, S  
*falcata* Hack. = **Pogonarthria squarrosa fusca** (L.) Kunth, N, W, C, E, S  
(*Diplachne fusca* (L.) P.Beauv. & Schult.)  
(*Festuca fusca* L.)  
**panicea** (Retz.) Ohwi, N, E, S  
**uniflora** A.Rich., N, W, E, S
- 337/1 **DIPLACHNE** P.Beauv.  
*fusca* (L.) P.Beauv. ex Roem. & Schult. = **Leptochloa fusca menylarthii** Hack. = **Pogonarthria squarrosa**
- 340 **TRIPOGON** Roem. & Schult.  
**minimus** (A.Rich.) Steud., N, W, C, E, S
- 342 **OROPETIUM** Trin.  
**capense** Stapf, S
- 343 **ODYSSSEA** Stapf  
**paucinervis** (Nees) Stapf, W, E, S
- 344 **BEWSIA** Gooss.  
**biflora** (Hack.) Gooss., N, W, C, E, S
- 348 **LOPHACME** Stapf  
**digitata** Stapf, C
- 349 **LEPTOCARYDION** Stapf  
**vulpiastrum** (De Not.) Stapf, N, W, C, E, S
- 350 **TRICHONEURA** Andersson  
**grandiglumis** (Nees) Ekman, N, W, C, E, S  
(*T. grandiglumis* var. *minor* (Rendle) Chippind.)  
*grandiglumis* (Nees) Ekman var. *minor* (Rendle) Chippind. = **T. grandiglumis**
- 352 **DINEBRA** Jacq.  
**retroflexa** (Vahl) Panz. var. **condensata** S.M.Phillips, N, W, E, S
- 356 **ERAGROSTIS** Wolf  
**acraea** De Winter, W, C, E  
*acutissima* Jedwabn. = **E. nindensis**  
**aethiopica** Chiov., N, W, E, S  
**amabilis** (L.) Hook. & Arn., W  
(*E. tenella* (L.) Roem. & Schult.)  
*augusta* Hack. = **E. rotifer**  
**arenicola** C.E.Hubb., N, W, C, E  
**aspera** (Jacq.) Nees, N, W, C, E, S  
**atrovirens** (Desf.) Trin., N, W, C  
*auriculata* Hack. = **E. echinochloidea**  
**barrelieri** Daveau, N, C  
**bicolor** Nees, W, C, S  
**biflora** Hack. ex Schinz, W  
*blepharolepis* Hack. = **E. hispida**

356 **ERAGROSTIS** Wolf (cont.)

- botryodes** Clayton, W  
**brainii** (Stent) Launert, N, W, C  
*buchananii* K.Schum. = **E. nindensis**  
**caesia** Stapf, E  
**caniflora** Rendle, E  
**capensis** (Thunb.) Trin., N, W, C, E, S  
**castellaneana** Buscal. & Muschl., N  
*chalcaltha* Trin. = **E. racemosa**  
**chapelieri** (Kunth) Nees, N, W, C, E, S  
 (E. *dolichostachya* Peter)  
*chaunanthia* Nees = **E. lehmanniana**  
**cilianensis** (All.) Vignolo ex Janch., N, W, C,  
 E, S  
 (E. *polysperma* Peter)  
**ciliaris** (L.) R.Br.  
 (E. *ciliaris* var. *brachystachya* Boiss.)  
 (E. *ciliaris* var. *latifolia* Hack.)  
*ciliaris* var. *brachystachya* Boiss. = **E. ciliaris**  
*ciliaris* var. *latifolia* Hack. = **E. ciliaris**  
**cimicina** Launert, W  
*collocarpa* K.Schum. = **E. tenuifolia**  
*comata* Peter = **E. lappula**  
**congesta** Oliv., E  
 (E. *eichingeri* Pilg.)  
**crassinervis** Hack., W, S  
 (E. *poecilantha* Stapf)  
**curvula** (Schrud.) Nees, N, W, C, E, S  
 (E. *jeffreysii* Hack.)  
**cylindriflora** Hochst., N, W, C, E, S  
 (E. *rigidor* Pilg.)  
 (E. *trichophora* Coss. & Durieu)  
*cylindriflora* sensu Simon = **E. glandulosi-**  
**pedata**  
*dekindtii* Pilg. = **E. macilenta**  
*densa* De Winter = **E. welwitschii**  
*denudata* Hack. = **E. nindensis**  
**desoluta** Launert, E  
*dolichostachya* Peter = **E. chapelieri**  
*dura* Stapf = **E. pallens**  
**echinochloidea** Stapf, W  
 (E. *auriculata* Hack.)  
*eichingeri* Pilg. = **E. congesta**  
**friesii** Pilg., N, W, C  
 (E. *valida* Pilg.)  
*galpinii* Stent = **E. inamoena**  
**gangetica** (Roxb.) Steud., N, W, C, E  
 (Poa *gangetica* Roxb.)  
**glandulosipedata** De Winter, N, W, C, E  
 (E. *cylindriflora* sensu Simon)  
 (E. *jeffreysii* sensu Simon)  
**glischra** Launert, W  
**gummiflua** Nees, W, C, S  
**habrantha** Rendle, N, W, C, E, S  
**heteromera** Stapf  
 (E. *wilmsii* Stapf)  
**hierniana** Rendle, N, W, C, E, S  
 (E. *uniglumis* Hack.)  
**hispida** K.Schum., N, W, C, E, S  
 (E. *blepharolepis* Hack.)

- inamoena** K.Schum., N, W, C, E, S  
 (E. *galpinii* Stent)  
**japonica** (Thunb.) Trin., N, W, C, E, S  
 (*Diaudrochloa uanaquensis* (Nees) De Winter)  
 (E. *uanaquensis* Nees)  
*jeffreysii* Hack. = **E. curvula**  
*jeffreysii* sensu Simon = **E. glandulosipedata**  
**lappula** Nees, N, W, C, E, S  
 (E. *comata* Peter)  
 (E. *uniglumis* sensu Simon)  
*lasiophylla* K.Schum. = **E. racemosa**  
**latifolia** Cope, N  
**lehmanniana** Nees, W, C, E, S  
 (E. *chaunanthia* Nees)  
 (E. *vausonii* Bremek. & Oberm.)  
**leptotricha** Cope, W  
*longipaniculata* De Wild. = **E. mollior**  
**macilenta** (A.Rich.) Steud., N  
 (E. *dekindtii* Pilg.)  
 (E. *passa* Rendle)  
*margaritacea* Stapf = **E. rotifer**  
*marlothii* Hack. = **Pogonarthria squarrosa**  
**membranacea** Hack. ex Schinz, N  
**mollior** Pilg. ex R.E.Fr., E  
 (E. *longipaniculata* De Wild.)  
*uanaquensis* Nees = **E. japonica**  
*nebulosa* Stapf = **E. planiculmis**  
**nindensis** Ficalho & Hiern, N, W, C, E, S  
 (E. *acutissima* Jedwabn.)  
 (E. *buchananii* K.Schum.)  
 (E. *denudata* Hack.)  
**pallens** Hack., W, C, S  
 (E. *dura* Stapf)  
**paradoxa** Launert, N, W, C, E, S  
*passa* Rendle = **E. macilenta**  
**patens** Oliv., N, W, C, E, S  
**patentipilosa** Hack., N, W, C, E, S  
 (E. *pseudosclerantha* Chiov.)  
**phyllacantha** Cope, C  
**pilosa** (L.) P.Beauv., N, W, C, E, S  
 (Poa *pilosa* L.)  
**plana** Nees, N, W, C, E, S  
**planiculmis** Nees, N, W, C  
 (E. *nebulosa* Stapf)  
*podotricha* Chiov. = **E. porosa**  
*poecilantha* Stapf = **E. crassinervis**  
*polysperma* Peter = **E. cilianensis**  
**porosa** Nees, N, W, E, S  
 (E. *podotricha* Chiov.)  
**procumbens** Nees, W  
*pseudosclerantha* Chiov. = **E. patentipilosa**  
**racemosa** (Thunb.) Steud., C, E, S  
 (E. *chalcaltha* Trin.)  
 (E. *lasiophylla* K.Schum.)  
*rigidior* Pilg. = **E. cylindriflora**  
**rogersii** C.E.Hubb., N, W  
**rotifer** Rendle, N, W, C, E, S  
 (E. *angusta* Hack.)  
 (E. *margaritacea* Stapf)  
**saesbriensis** Launert, N, C

- sarmentosa** (Thunb.) Trin., N, W, C, E, S  
(*Poa sarmentosa* Thunb.)  
**sclerantha** Nees subsp. **sclerantha**, E  
**sclerantha** Nees subsp. **villosipes** (Jedwabn.)  
Launert, N, W, C, E, S  
(*E. sclerantha* var. *villosipes* De Winter)  
(*E. villosipes* Jedwabn.)  
*sclerantha* var. *villosipes* De Winter = **E. sclerantha** subsp. **villosipes**  
**stapfii** De Winter, N, W, C, E, S  
*strigosa* Anderson = **E. viscosa**  
**superba** Peyr., N, W, C, E, S  
(*E. superba* var. *contracta* Peter)  
*superba* var. *contracta* Peter = **E. superba**  
**tef** (Zuccagni) Trotter, W, C, E  
(*Poa tef* Zuccagni)  
*tenella* (L.) Roem. & Schult. = **E. amabilis**  
**tenuifolia** (A.Rich.) Hochst., N, W, C, E, S  
(*E. collocarpa* K.Schum.)  
(*Poa tenuifolia* A.Rich.)  
*tenuifolia* A.Rich. = **E. tenuifolia**  
**tincta** S.M.Phillips, E  
(*Stiburus alopecuroides* (Hack.) Stapf)  
*transvaalensis* Gand. = **E. viscosa**  
**tremula** Hochst., N, W  
*trichophora* Coss. & Durieu = **E. cylindriflora**  
*uniglumis* Hack. = **E. hierniana**  
*uniglumis* sensu Simon = **E. lappula**  
*vacillans* sensu Simon = **E. venustula**  
*valida* Pilg. = **E. friesii**  
*vausonii* Bremek. & Oberm. = **E. lehmanniana**  
**venustula** Launert, N, W, C, S  
(*E. vacillans* sensu Simon)  
*villosipes* Jedwabn. = **E. sclerantha** subsp. **villosipes**  
**viscosa** (Retz.) Trin., N, W, C, E, S  
(*E. strigosa* Anderson)  
(*E. transvaalensis* Gand.)  
**volkensii** Pilg., E  
**welwitschii** Rendle, W  
(*E. densa* De Winter)  
*wilmsii* Stapf = **E. heteromera**
- 356/1 **DIANDROCHLOA** De Winter  
*namaquensis* (Nees) De Winter = **Eragrostis japonica**
- 356/2 **STIBURUS** Stapf
- 365 **POGONARTHRIA** Stapf  
**fleckii** (Hack.) Hack., N, W, S  
(*Pogonarthria tuberculata* Pilg.)  
**squarrosa** (Roem. & Schult.) Pilg., N, W, C, E, S  
(*Diplachne menyharthii* Hack.)  
(*Eragrostis marlotii* Hack.)  
(*Leptochloa falcata* Hack.)  
*tuberculata* Pilg. = **P. fleckii**
- 370 **ELEUSINE** Gaertn.  
**africana** Kenn.-O'Byrne, N, W, C, E, S  
**indica** (L.) Gaertn., N, W, E  
*verticillata* Roxb. = **Acrachne racemosa**
- 371 **ACRACHNE** Wight & Arn. ex Chiov.  
**racemosa** (Roem. & Schult.) Ohwi, N, W, E, S  
(*Eleusine verticillata* Roxb.)
- 373 **DACTYLOCTENIUM** Willd.  
**aegyptium** (L.) Willd., N, W, C, E, S  
(*Dactyloctenium impletens* De Wild.)  
**geminatum** Hack., N, S  
**giganteum** Fisher & Schweick., N, W, C, E, S  
*impletens* De Wild. = **D. aegyptium**
- 377 **SPOROBOLUS** R.Br.  
**acinifolius** Stapf, N, W  
(*S. tenellus* sensu Bennett)  
**africanus** (Poir.) Robyns & Tournay, W, C  
*barbigerus* Franch. = **S. subtilis**  
**bechuanicus** Gooss., W  
(*S. spicatus* sensu Simon)  
**centrifugus** (Trin.) Nees, E  
(*S. filifolius* Stent)  
(*S. tysonii* Stent)  
**congoensis** Franch., N, C, E  
(*S. eylesii* Stent & J.M.Rattray)  
*conrathii* Chiov. = **S. welwitschii**  
**consimilis** Fresen., N, W, E, S  
**cordofanus** (Steud.) Coss., N, W, E, S  
*eylesii* Stent & J.M.Rattray = **S. congoensis**  
**festivus** A.Rich., N, W, C, E, S  
(*S. festivus* var. *fibrosus* Stent)  
(*S. menyharthii* Hack.)  
*festivus* var. *fibrosus* Stent = **S. festivus**  
*filifolius* Stent = **S. centrifugus**  
**fimbriatus** (Trin.) Nees, N, W, C, E, S  
(*S. fimbriatus* var. *latifolius* Stent)  
*fimbriatus* var. *latifolius* Stent = **S. fimbriatus**  
**ioclados** (Trin.) Nees, N, W, C, E, S  
**kentrophyllus** (K.Schum.) Clayton, N, W, C, E, S  
**mauritanus** (Steud.) T.Durand & Schinz, C, E, S  
*mayumbensis* Franch. = **S. mollerii**  
*menyharthii* Hack. = **S. festivus**  
**micranthus** (Steud.) T.Durand & Schinz, N, W, C, S  
(*S. psammophilus* Stent & J.M.Rattray)  
**mollerii** Hack., N, W, C, E, S  
(*S. mayumbensis* Franch.)  
(*S. secundispiculus* Chiov.)  
**mopane** Cope, N  
**myrianthus** Benth., N, W, C, E  
**nitens** Stent, W, S  
**panicoides** A.Rich., N, W, C, E, S  
**paniculatus** T.Durand & Schinz, N, W, C, E  
**piliferus** Kunth, C, E

- 377 **SPOROBOLUS** R.Br. (cont.)  
*psammophilus* Stent & J.M.Ratray = **S. micranthus**  
*pyramidalis* P.Beauv., N, W, C, E, S  
*sanguineus* Rendle, N, W, C, E, S  
*schlechteri* Schweick. = **S. centrifugus**  
*secundispiculus* Chiov. = **S. molleri**  
*spicatus* (Vahl) Kunth, N, W  
*spicatus* sensu Simon = **S. bechuanicus**  
*stapfianus* Gand., N, W, C, E, S  
*stolzii* Mez, N, W, C  
*subtilis* Kunth, N, C, E, S  
(*S. barbigerus* Franch.)  
*tenellus* sensu Bennett = **S. acinifolius**  
*tysonii* Stent = **S. centrifugus**  
*uniglumis* Stent & J.M.Ratray, N, W  
*virginicus* (L.) Kunth, W, S  
(*S. virginicus* var. *major* Franch.)  
*virginicus* var. *major* Franch. = **S. virginicus**  
*welwitschii* Rendle, E  
(*S. conrathii* Chiov.)
- 385 **LEPTURUS** R.Br.  
*radicans* (Steud.) A.Camus, E, S  
(*Monerma radicans* (Steud.) Hack.)  
(*Ophiuros radicans* Steud.)
- 385/1 **OPHIUROS** C.F.Gaertn.  
*radicans* Steud. = **Lepturus radicans**
- 385/2 **MONERMA** auct.  
*radicans* (Steud.) Hack. = **Lepturus radicans**
- 387 **LINTONIA** Stapf  
*nutans* Stapf, W, S  
(*Negria melicoides* Chiov.)
- 387/1 **NEGRIA** Chiov.  
*melicoides* Chiov. = **Lintonia nutans**
- 389 **TETRAPOGON** Desf.  
*mossambicensis* (K.Schum.) Chippind. =  
**Chloris mossambicensis**  
*tenellus* (Roxb.) Chiov., W, E, S  
(*Chloris tenella* K.D.Koenig)
- 391 **CHLORIS** Sw.  
*abyssinica* Hochst. = **C. gayana**  
*diluta* Renvoize, C  
*gayana* Kunth, N, W, C, E, S  
(*C. abyssinica* Hochst.)  
(*C. glabrata* Andersson)  
*glabrata* Andersson = **C. gayana**  
*leptostachya* Hochst. = **C. pycnothrix**  
*mossambicensis* K.Schum., E, S  
(*Tetrapogon mossambicensis* (K.Schum.) Chippind.)  
*myriostachya* Hochst. = **C. roxburghiana**  
*polystachya* Roxb. = **C. roxburghiana**
- pycnothrix* Trin., N, W, C, E, S  
(*C. leptostachya* Hochst.)  
*roxburghiana* Schult., N, W, C, E, S  
(*C. myriostachya* Hochst.)  
(*C. polystachya* Roxb.)  
*tenella* K.D.Koenig = **Tetrapogon tenellus**  
*virgata* Sw., N, W, C, E, S
- 392 **EUSTACHYS** Desv.  
*paspaloides* (Vahl) Lanza & Mattei, N, W, C, E, S
- 396 **ENTEROPOGON** Nees  
*macrostachyus* (A.Rich.) Benth., N, W, C, E, S
- 399 **WILLKOMMIA** Hack.  
*sarmentosa* Hack., W
- 401 **CRASPEDORHACHIS** Benth.  
*africana* Benth., N, W, C, E, S  
*digitata* Kupicha & Cope, C, S  
*rhodesiana* Rendle, N, W, C, E, S  
(*C. rhodesiana* var. *gracilior* C.E.Hubb.)  
*rhodesiana* var. *gracilior* C.E.Hubb. = **C. rhodesiana**
- 406 **CTENIUM** Panz.  
*concinnum* Nees, N, C, E  
*somalense* (Chiov.) Chiov., C, E
- 407 **MICROCHLOA** R.Br.  
*abyssinica* Hochst. = **M. kunthii**  
*altera* (Rendle) Stapf, E  
(*Rendlia altera* (Rendle) Chiov.)  
*caffra* Nees, N, W, C, E, S  
*indica* (L.f.) P.Beauv., N, W, C  
*kunthii* Desv., N, W, C, E, S  
(*M. abyssinica* Hochst.)
- 407/1 **RENDLIA** Chiov.  
*altera* (Rendle) Chiov. = **Microchloa altera**
- 409 **CYNODON** Rich.  
*\*aethiopicus* Clayton & Harlan, N, C, E  
*dactylon* (L.) Pers., N, W, C, E, S  
*\*incompletus* Nees, C  
*nlemfuensis* Vanderyst var. *nlemfuensis*, N, W, C, E, S  
*nlemfuensis* Vanderyst var. *robusta* Clayton & Harlan, C, E  
*\*plectostachyus* (K.Schum.) Pilg., C  
*\*transvaalensis* Burt Davy, C
- 411 **BRACHYACHNE** (Benth.) Stapf  
*chrysolepis* C.E.Hubb. = **B. patentiflora**  
*fulva* Stapf, E  
*patentiflora* (Stent & J.M.Ratray) C.E.Hubb., N, W, C, S

- (*B. chrysolepis* C.E.Hubb.)  
 (*B. upembaensis* Van der Veken)  
*upembaensis* Van der Veken = **B. patentiflora**
- 413 **SCHOENEFLDIA** Kunth  
*transiens* (Pilg.) Chiov., S
- 414 **POGONCHLOA** C.E.Hubb.  
*greenwayi* C.E.Hubb., E
- 434 **TRAGUS** Haller  
*arenarius* Bremek. & Oberm. = **T. racemosus**  
**berteronianus** Schult., N, W, C, E, S  
**koelerioides** Asch., W  
 (*T. racemosus* var. *major* Hack.)  
**racemosus** (L.) All., W  
 (*T. arenarius* Bremek. & Oberm.)  
*racemosus* var. *major* Hack. = **T. koelerioides**
- 441 **PEROTIS** Aiton  
**leptopus** Pilg., N, W, C  
**patens** Gand., N, W, C, E, S  
**vaginata** Hack., N, W, C
- 448 **POECILOSTACHYS** Hack.  
**oplismenoides** (Hack.) Clayton, E  
 (*Chloachne oplismenoides* (Hack.) Robyns)
- 448/1 **CHLOACHNE** Stapf  
*oplismenoides* (Hack.) Robyns = **Poecilostachys oplismenoides**
- 449 **PSEUDECHINOLAENA** Stapf  
**polystachya** (Kunth) Stapf, C, E  
 (*Echinochloa polystachya* (Kunth) Roberty)  
 (*Echinolaena polystachya* Kunth)
- 451 **OPLISMENUS** P.Beauv.  
**burmannii** (Retz.) P.Beauv., N, W, C, E, S  
 (*Panicum burmannii* Retz.)  
**compositus** (L.) P.Beauv., C, E, S  
 (*Panicum compositum* L.)  
**hirtellus** (L.) P.Beauv., N, W, C, E, S  
 (*Panicum hirtellum* L.)  
**undulatifolius** (Ard.) Roem. & Schult., E  
 (*Panicum undulatifolium* Ard.)
- 455 **PANICUM** L.  
*acutissimum* Peter = **P. poaeoides**  
*aphanoneurum* Stapf = **P. fluviicola**  
**arcumeum** Stapf, N, W, C, E, S  
**atrosanguineum** A.Rich., N, W, S  
**bechuanense** Bremek. & Oberm., W  
**brazzavillense** Franch., C, E  
 (*P. ianthum* Stapf)  
**brevifolium** L., E  
*bulawayense* Hack. = **Urochloa oligotricha**  
*burmannii* Retz. = **Oplismenus burmannii**  
**chambeshii** Renvoize, N  
*colomum* L. = **Echinochloa colona**  
**coloratum** L. var. **coloratum**, N, W, C, E, S  
 (*P. crassipes* Mez)  
 (*P. swynnertonii* Rendle)  
*compositum* L. = **Oplismenus compositus**  
*crassipes* Mez = **P. coloratum** var. **coloratum**  
**deustum** Thunb., N, C, E, S  
*dimidiatum* L. = **Stenotaphrum dimidiatum**  
**dregeanum** Nees, N, W, C, E, S  
**ecklonii** Nees, N, W, C, E  
 (*P. pectinatum* Rendle)  
**eickii** Mez, E  
*eruciforme* Sm. = **Brachiaria eruciformis**  
**fluviicola** Steud., N, W  
 (*P. aphanoneurum* Stapf)  
 (*P. purpurascens* Mez)  
*glabrescens* Steud. = **P. subalbidum**  
**glandulopaniculatum** Renvoize, E  
**gracilicaule** Rendle, N  
 (*P. verruciferum* Mez)  
*graciliculme* Napper = **P. poaeoides**  
**graniflorum** Stapf, N, W  
**haplocaulos** Pilg., W  
**heterostachyum** Hack., N, W, C, E, S  
*hirtellum* L. = **Oplismenus hirtellus**  
*humidicola* Rendle = **Brachiaria humidicola**  
**hymenochilum** Nees, E, S  
 (*P. snowdenii* C.E.Hubb.)  
*ianthum* Stapf = **P. brazzavillense**  
**inaequilatum** Stapf & C.E.Hubb., E, S  
**infestum** Peters, N, W, C, E, S  
*italicum* L. = **Setaria italica**  
*jubatum* Fig. & De Not. = **Brachiaria jubata**  
*juncifolium* Stapf = **P. natalense**  
**kalahareense** Mez, N, W, E, S  
**kasumense** Renvoize, W  
*laevifolium* Hack. = **P. schinzii**  
**laticomum** Nees, E, S  
*leucacanthum* K.Schum. = **Brachiaria**  
**leucacantha**  
**madipireense** Mez, N  
**maximum** Jacq., N, W, C, E, S  
 (*P. maximum* var. *altissimum* Kuntze)  
 (*P. maximum* var. *trichoglume* Robyns)  
*maximum* var. *altissimum* Kuntze = **P. maximum**  
*maximum* var. *trichoglume* Robyns = **P. maximum**  
**merkeri** Mez, W  
*meyerianum* var. *grandeglutine* Stent & J.M.Rattray = **Eriochloa meyeriana**  
*micrococcum* (Mez) Peter = **Sacciolepis micrococca**  
**monticola** Hook.f., N, E  
**natalense** Hochst., N, W, C, E, S  
 (*P. juncifolium* Stapf)  
**nervatum** (Franch.) Stapf, E  
 (*Isachne nervata* Franch.)  
*nigropedatum* Ficalho & Hiern = **Brachiaria**  
**nigropedata**  
**novemnerve** Stapf, N, W, C, E, S

- 455 **PANICUM** L. (cont.)  
*nudiglume* var. *major* Rendle = **Brachiaria grossa**  
*oryzoides* Ard. = **Echinochloa oryzoides**  
*pectinatum* Rendle = **P. ecklonii**  
**peteri** Pilg., E  
 (*Polynura squarrosa* Peter)  
**phragmitoides** Stapf, W, E  
 (*P. phragmitoides* var. *lasioneuron* Stapf)  
*phragmitoides* var. *lasioneuron* Stapf = **P. phragmitoides**  
**poaeoides** Stapf, W  
 (*P. acutissimum* Peter)  
 (*P. graciliculme* Napper)  
**porphyrrhizos** Steud., N, W, C  
*proliferum* var. *longijubatum* Stapf = **P. subalbidum**  
*purpurascens* Mez = **P. fluviicola**  
**repens** L., N, W, C, S  
**repentellum** Napper, N, C  
**sabiense** Renvoize, N, W, C, E, S  
**schinzii** Hack., N, C, E, S  
 (*P. laevifolium* Hack.)  
*serrifolium* Hochst. = **Brachiaria serrifolium**  
*snowdenii* C.E.Hubb. = **P. hymeniochilum**  
**subalbidum** Kunth, N, W, C, E, S  
 (*P. glabrescens* Steud.)  
 (*P. proliferum* var. *longijubatum* Stapf)  
*swynnertonii* Rendle = **P. coloratum** var. **coloratum**  
*tephrosanthum* Schinz = **P. maximum**  
**trichocladum** Hack. ex K.Schum., E  
**trichoides** Sw., N, C  
**trichonode** Launert & Renvoize, N, W, C, E, S  
*undulatifolium* Ard. = **Oplismenus undulatifolius**  
*verruciferum* Mez = **P. gracilicaule**  
**wiehei** Renvoize, E  
*xantholeucum* Schinz = **Brachiaria xantholeuca**  
**zambesiense** Renvoize, N, W
- 455/2 **POLYNEURA** Peter  
*squarrosa* Peter = **Panicum peteri**
- 465 **SACCIOLEPIS** Nash  
**africana** C.E.Hubb. & Snowden, N, C  
*brevifolia* Stapf = **S. chevalieri**  
**chevalieri** Stapf, N, W, C, E  
 (*S. brevifolia* Stapf)  
*claviformis* Simon = **S. indica**  
**curvata** (L.) Chase, E, S  
*glaucescens* Stapf = **S. typhura**  
*gracilis* Stent & J.M.Ratray = **S. indica**  
*huillensis* (Rendle) Stapf = **S. spiciformis**  
**indica** (L.) Chase, C  
 (*S. claviformis* Simon)  
 (*S. gracilis* Stent & J.M.Ratray)
- interrupta** (Willd.) Stapf, N, W, C  
 (*Panicum interruptum* Willd.)  
*interruptum* Willd. = **S. interrupta**  
*luciae* Simon = **S. spiciformis**  
**micrococca** Mez, N  
 (*Panicum micrococcum* (Mez) Peter)  
**spiciformis** (A.Rich.) Stapf, N, W, C, E, S  
 (*S. huillensis* (Rendle) Stapf)  
 (*S. luciae* Simon)  
**transbarbata** Stapf, N  
**typhura** (Stapf) Stapf, N, W, C, E, S  
 (*S. glaucescens* Stapf)
- 474 **ACROCERAS** Stapf  
**macrum** Stapf, N, W, C, S
- 476 **ECHINOCHLOA** P.Beauv.  
*aristifera* (Peter) Robyns & Tournay = **E. haploclada**  
**colona** (L.) Link, N, W, C, E, S  
 (*Panicum colonum* L.)  
*colona* var. *frumentacea* (Link) Ridl. = **E. frumentacea**  
**frumentacea** Link, W, C, E, S  
 (*E. colona* var. *frumentacea* (Link) Ridl.)  
**haploclada** (Stapf) Stapf, N, W, E, S  
 (*E. aristifera* (Peter) Robyns & Tournay)  
*holubii* (Stapf) Stapf = **E. pyramidalis**  
**jubata** Stapf, N, W, C, S  
**\*oryzoides** (Ard.) Fritsch, W  
 (*Panicum oryzoides* Ard.)  
*polystachya* (Kunth) Roberty = **Pseudechino-laena polystachya**  
*polystachya* Kunth = **Pseudechinolaena polystachya**  
**pyramidalis** (Lam.) Hitchc. & Chase, N, W, C, S  
 (*E. holubii* (Stapf) Stapf)  
**stagnina** (Retz.) P.Beauv., N, W, C, S  
**ugandensis** Snowden & C.E.Hubb., N, W, C, E, S  
**\*utilis** Ohwi & Yabuno, N
- 479 **ORYZIDIUM** C.E.Hubb. & Schweick.  
**barnardii** C.E.Hubb. & Schweick., W
- 481 **ALLOTEROPSIS** C.Presl  
**cimicina** (L.) Stapf, N, W, C, S  
*gwebensis* Stent & J.M.Ratray = **A. semialata** subsp. **eckloniana**  
**semialata** (R.Br.) Hitchc. subsp. **semialata**, N, W, C, E, S  
**semialata** (R.Br.) Hitchc. subsp. **eckloniana** (Nees) Gibbs Russ., E  
 (*A. gwebensis* Stent & J.M.Ratray)
- 485 **BRACHIARIA** (Trin.) Griseb.  
**arrecta** (T.Durand & Schinz) Stent, N, W, C, E  
 (*B. latifolia* Stapf)



- bovonei** (Chiov.) Robyns, N, W, C, E, S  
(*B. viridula* Stapf)  
**brachylopha** Stapf = **B. serrata**  
**brizantha** (A.Rich.) Stapf, N, W, C, E, S  
(*B. brizantha* var. *angustifolia* Stent & J.M.Ratray)  
*brizantha* var. *angustifolia* Stent & J.M.Ratray  
= **B. brizantha**  
**deflexa** (Schumach.) C.E.Hubb. ex Robyns, N,  
W, C, E, S  
(*Pseudobrachiaria deflexa* (Schumach.) Launert)  
**dura** Stapf, W  
(*B. dura* var. *pilosa* J.G.Anderson)  
*dura* var. *pilosa* J.G.Anderson = **B. dura**  
**eruciformis** (Sm.) Griseb., N, W, C, E, S  
(*Panicum eruciforme* Sm.)  
*filifolia* Stapf = **B. subulifolia**  
**grossa** Stapf, N, W, C, E, S  
(*Panicum nudiglume* var. *major* Rendle)  
**humidicola** (Rendle) Schweick., N, W, C, E,  
S  
(*Panicum humidicola* Rendle)  
**jubata** (Fig. & De Not.) Stapf, N, W, C  
(*Panicum jubatum* Fig. & De Not.)  
*latifolia* Stapf = **B. arrecta**  
**leucacrantha** (K.Schum.) Stapf, W  
(*Panicum leucacranthum* K.Schum.)  
**malacodes** (Mez & K.Schum.) Scholz, N  
(*B. poaeoides* Stapf)  
**nigropedata** (Ficalho & Hiern) Stapf, N, W,  
C, E, S  
(*Panicum nigropedatum* Ficalho & Hiern)  
*poaeoides* Stapf = **B. malacodes**  
*pubifolia* (Mez) Stapf & C.E.Hubb. = **B. xantholeuca**  
**ramosa** (L.) Stapf, N, W, C, E, S  
(*Urochloa ramosa* (L.) Nguyen)  
**rugulosa** Stapf, N  
(*B. umboensis* Stent & J.M.Ratray)  
**scalaris** Pilg., E  
**serrata** (Thunb.) Stapf, N, W, C, E, S  
(*B. brachylopha* Stapf)  
**serrifolia** (Hochst.) Stapf, E, S  
(*Panicum serrifolium* Hochst.)  
**subulifolia** (Mez) Clayton, N, W, C, E  
(*B. filifolia* Stapf)  
**umbellata** (Trin.) Clayton, C, E  
(*Panicum umbellatum* Trin.)  
*umbellatum* Trin. = **B. umbellata**  
*umboensis* Stent & J.M.Ratray = **B. rugulosa**  
*viridula* Stapf = **B. bovonei**  
**xantholeuca** (Schinz) Stapf, N, W, C, E, S  
(*B. pubifolia* (Mez) Stapf & C.E.Hubb.)  
(*Panicum xantholeucum* Schinz)
- 485/1 **PSEUDOBRACHIARIA** Launert  
*deflexa* (Schumach.) Launert = **Brachiaria**  
**deflexa**
- 487 **UROCHLOA** P.Beauv.  
*bolbodes* (Steud.) Stapf = **U. oligotricha**

- brachyura** (Hack.) Stapf, W, C, S  
**mosambicensis** (Hack.) Dandy, N, W, C, E, S  
(*U. pullulans* Stapf)  
(*U. rhodesiensis* Stent)  
**oligotricha** (Fig. & De Not.) Henrard, N, W,  
C, E, S  
(*Panicum bulawayense* Hack.)  
(*U. bolbodes* (Steud.) Stapf)  
**panicoides** P.Beauv., N, W, C, E, S  
*pullulans* Stapf = **U. mosambicensis**  
*ramosa* (L.) Nguyen = **Brachiaria ramosa**  
*rhodesiensis* Stent = **U. mosambicensis**  
**trichopus** (Hochst.) Stapf, N, W, C, E, S
- 488 **ERIOCHLOA** Kunth  
**fatmensis** (Hochst. & Steud.) Clayton, W, S  
(*E. nubica* (Steud.) Thell.)  
**macclounii** Stapf, N, W  
**meyeriana** (Nees) Pilg., N, W, C, E, S  
(*Panicum meyerianum* var. *grandeglume* Stent &  
J.M.Ratray)  
*nubica* (Steud.) Thell. = **E. fatmensis**
- 495 **PASPALUM** L.  
\***plicatum** Michx., C  
\***dilatatum** Poir., N, C, E, S  
**distichum** L., N, W, C  
**glumaceum** Clayton, N, C  
**lamprocaryon** K.Schum., W  
\***notatum** Flügge, C, E, S  
*orbiculare* G.Forst. = **P. scrobiculatum**  
*polystachyum* R.Br. = **P. scrobiculatum**  
**scrobiculatum** L., N, W, C, E, S  
(*P. orbiculare* G.Forst.)  
(*P. polystachyum* R.Br.)  
\***urvillei** Steud., N, C, E
- 500 **AXONOPUS** P.Beauv.  
\***affinis** Chase, E, S  
\***compressus** (Sw.) P.Beauv., E, S
- 503 **SETARIA** P.Beauv.  
*angustifolia* Stapf = **S. sphacelata**  
*chevalieri* Stapf = **S. megaphylla**  
*ciliolata* Stapf & C.E.Hubb. = **S. incrassata**  
*eylesii* Stapf & C.E.Hubb. = **S. incrassata**  
**homonyma** (Steud.) Chiov., N, W, C, E, S  
**incrassata** (Hochst.) Hack., N, W, C, E, S  
(*S. ciliolata* Stapf & C.E.Hubb.)  
(*S. eylesii* Stapf & C.E.Hubb.)  
(*S. palustris* Stapf)  
(*S. planerococca* Stapf)  
(*S. rudifolia* Stapf)  
*interpilosa* Stapf & C.E.Hubb. = **S. petiolata**  
\***italica** (L.) P.Beauv., N, W, C, S  
(*Panicum italicum* L.)  
**lindenberiana** (Nees) Stapf, N, W, C, E, S  
**longiseta** P.Beauv., N, W, C, E  
(*S. paniciformis* Rendle)

- 503 **SETARIA** P.Beauv. (cont.)  
**megaphylla** (Steud.) T.Durand & Schinz, N, W, C, E, S  
*(S. chevalieri* Stapf)  
**orthosticha** Herrm., N, W, C, E, S  
*pallide-fusca* (Schum.) Stapf & C.E.Hubb. = **S. pumila**  
*palustris* Stapf = **S. incrassata**  
*paniciformis* Rendle = **S. longiseta**  
**petiolata** Stapf & C.E.Hubb., N, W, E, S  
*(S. interpilosa* Stapf & C.E.Hubb.)  
*phanerococca* Stapf = **S. incrassata**  
*phragmitoides* Stapf = **S. incrassata**  
**pseudaristata** (Peter) Pilg., W  
**pumila** (Poir.) Roem. & Schult., N, W, C, E, S  
*(S. pallide-fusca* (Schum.) Stapf & C.E.Hubb.)  
*(S. ustilata* De Wit)  
*rudifolia* Stapf = **S. incrassata**  
**sagittifolia** (A.Rich.) Walp., N, W, C, E, S  
**sphacelata** (Schumach.) Moss, N, W, C, E, S  
*(S. angustifolia* Stapf)  
*(S. torta* Stapf)  
*torta* Stapf = **S. sphacelata**  
*ustilata* De Wit = **S. pumila**  
**verticillata** (L.) P.Beauv., N, W, C, E, S
- 504 **PASPALIDIUM** Stapf  
**obtusifolium** (Delile) N.D.Simpson, N, C, E, S  
*(P. platyrrhachis* C.E.Hubb.)  
*platyrrhachis* C.E.Hubb. = **P. obtusifolium**
- 512 **STENOTAPHRUM** Trin.  
**\*dimidiatum** (L.) Brongn., C, S  
*(Panicum dimidiatum* L.)
- 514 **TRICHOLAENA** Schrad.  
**monachne** (Trin.) Stapf & C.E.Hubb., N, W, C, E, S  
*(T. monachne* var. *annua* J.G.Anderson)  
*monachne* var. *annua* J.G.Anderson = **T. monachne**
- 517 **RHYNCHELYTRUM** Nees  
*bellespicatum* (Rendle) Stapf & C.E.Hubb. = **Melinis longiseta** subsp. **bellespicata**  
*grandiflorum* Hochst. = **Melinis repens** subsp. **grandiflora**  
*cylesii* Stapf & C.E.Hubb. = **Melinis subglabra**  
*kallimorphon* Clayton = **Melinis kallimorpha**  
*minutiflorum* (Rendle) Stapf & C.E.Hubb. = **Melinis longiseta** subsp. **longiseta**  
*nyassanum* (Mez) Stapf & C.E.Hubb. = **Melinis nerviglumis**  
*repens* (Willd.) C.E.Hubb. = **Melinis repens** subsp. **repens**  
*setifolium* (Stapf) Chiov. = **Melinis nerviglumis**
- subglabrum* (Mez) Stapf & C.E.Hubb. = **Melinis subglabra**  
*stolzii* (Mez) Stapf & C.E.Hubb. = **Melinis repens** subsp. **repens**  
*villosum* (Parl.) Chiov. = **Melinis repens** subsp. **repens**
- 517/1 **MELINIS** P.Beauv.  
**ambigua** Hack. subsp. **ambigua**, N, W, C, E  
*(M. longicauda* (Mez) Stapf)  
**ambigua** Hack. subsp. **longicauda** (Mez) Zizka, N  
**effusa** (Rendle) Stapf, E  
**kallimorpha** (Clayton) Zizka, N, W, C, E, S  
*(Rhynchelytrum kallimorphon* Clayton)  
**longiseta** (A.Rich.) Zizka subsp. **bellespicata** (Rendle) Zizka, N, W, C, E, S  
*(Rhynchelytrum bellespicatum* (Rendle) Stapf & C.E.Hubb.)  
**longiseta** (A.Rich.) Zizka subsp. **longiseta**, N, W, C, E, S  
*(Rhynchelytrum minutiflorum* (Rendle) Stapf & C.E.Hubb.)  
**macrochaeta** Stapf & C.E.Hubb., N, W, C, E, S  
*mailandii* Stapf & C.E.Hubb. = **M. minutiflora**  
**minutiflora** P.Beauv., C, E  
*(M. mailandii* Stapf & C.E.Hubb.)  
**nerviglumis** (Franch.) Zizka, N, W, C, E, S  
*(Rhynchelytrum nyassanum* (Mez) Stapf & C.E.Hubb.)  
*(Rhynchelytrum setifolium* (Stapf) Chiov.)  
**repens** (Willd.) Zizka subsp. **grandiflora** (Hochst.) Zizka, N, W, C, E, S  
*(Rhynchelytrum grandiflorum* Hochst.)  
**repens** (Willd.) Zizka subsp. **nigricans** (Mez) Zizka, N  
**repens** (Willd.) Zizka subsp. **repens**, N, W, C, E, S  
*(Rhynchelytrum repens* (Willd.) C.E.Hubb.)  
*(Rhynchelytrum stolzii* (Mez) Stapf & C.E.Hubb.)  
*(Rhynchelytrum villosum* (Parl.) Chiov.)  
**subglabra** Mez, N, W, C, E, S  
*(Rhynchelytrum cylesii* Stapf & C.E.Hubb.)  
*(Rhynchelytrum subglabrum* (Mez) Stapf & C.E.Hubb.)  
**tenuissima** Stapf, N, C, E, S
- 518 **HYLEBATES** Chippind.  
**cordatus** Chippind., N
- 521 **STEREOCHLAENA** Hack.  
**cameronii** (Stapf) Pilg., N, W, C, E, S  
*(Chloridion cameronii* (Stapf) Pilg.)  
*(S. jeffreysii* Hack.)  
*jeffreysii* Hack. = **S. cameronii**
- 521/1 **CHLORIDION** Stapf  
*cameronii* (Stapf) Pilg. = **S. cameronii**

- 523 **MEGALOPROTACHNE** C.E.Hubb.  
**albescens** C.E.Hubb., W  
 (*M. glabrescens* Roiv.)  
*glabrescens* Roiv. = **M. albescens**
- 524 **DIGITARIA** Haller  
**acuminatissima** Stapf, N, W, E  
 (*D. acuminatissima* subsp. *inermis* P.Goetgh.)  
*acuminatissima* subsp. *inermis* P.Goetgh. = **D. acuminatissima**  
*adscendens* (Kunth) Henrard = **D. ciliaris**  
**angolensis** Rendle, N, C, E  
*apiculata* Stent = **D. maitlandii**  
**brazzae** (Franch.) Stapf, N, W, C, E, S  
**ciliaris** (Retz.) Koeler, N, C, E, S  
 (*D. adscendens* (Kunth) Henrard)  
**comifera** Pilg., N, W, C, E  
 (*D. lunularis* Henrard)  
**compressa** Stapf, N  
**debilis** (Desf.) Willd., N, W, C, E, S  
**diagonalis** (Nees) Stapf, N, C, E, S  
**diversinervis** (Nees) Stapf, C  
**eriantha** Steud., N, W, C, E, S  
 (*D. livida* Henrard)  
 (*D. nemoralis* Henry)  
**eylesii** C.E.Hubb., N, C, S  
*friesii* Pilg. = **D. longiflora**  
**gayana** (Kunth) Stapf, N, W, C, S  
**gazensis** Rendle, N, W, C, E, S  
*lancifolia* Henrard = **D. pearsonii**  
*livida* Henrard = **D. eriantha**  
**longiflora** (Retz.) Pers., E, S  
 (*D. friesii* Pilg.)  
*lunularis* Henrard = **D. comifera**  
**maitlandii** Stapf & C.E.Hubb., E, S  
 (*D. apiculata* Stent)  
**maniculata** Stapf, W  
**milanjiana** (Rendle) Stapf, N, W, C, E, S  
**monodactyla** (Nees) Stapf, N, W, C, E, S  
*nemoralis* Henry = **D. eriantha**  
**nitens** Rendle, N, C, E, S  
*nuda* Schumach., N, C, E  
**pearsonii** Stapf, E  
 (*D. lancifolia* Henrard)  
**perrottetii** (Kunth) Stapf, N, W, C, E, S  
**pseudodiagonalis** Chiov., N  
**remotigluma** (De Winter) Clayton, N, C  
**sanguinalis** (L.) Scop., N, W, C, E  
**scalarum** (Schweinf.) Chiov., N, C, E  
**setifolia** Stapf, E  
**ternata** (A.Rich.) Stapf, N, W, C, E, S  
**thouaresiana** (Flüggé) A.Camus, N, C, E, S  
**velutina** (Forssk.) P.Beauv., N, W, C, E, S  
 (*D. zeyheri* (Nees) Henrard)  
*zeyheri* (Nees) Henrard = **D. velutina**
- 523 **macrourum** Trin., N, W, C, E, S  
 (*P. glaucocladum* Stapf & C.E.Hubb.)  
 (*P. macropogon* Stapf & C.E.Hubb.)  
**massaicum** Stapf, S  
**polystachion** (L.) Schult. subsp. **atrichum**  
 (Stapf & C.E.Hubb.) Brunken, N  
**polystachion** (L.) Schult. subsp. **polystachion**, N, C, E  
 (*P. subangustum* (Schum.) Stapf & C.E.Hubb.)  
**purpureum** Schumach., N, W, C, E, S  
**setaceum** (Forssk.) Chiov., W, C, E  
**thunbergii** Kunth, C, E  
**trisetum** Leeke, C, S  
 (*P. typhoides* (Burm.f.) Stapf & C.E.Hubb.)  
*typhoides* (Burm.f.) Stapf & C.E.Hubb. = **P. trisetum**  
**unisetum** (Nees) Benth., N, C, E  
 (*Beckeropsis unisetata* (Nees) K.Schum.)
- 533/1 **BECKEROPSIS** K.Schum.  
*unisetata* (Nees) K.Schum. = **Pennisetum unisetum**
- 534 **CENCHRUS** L.  
**biflorus** Roxb., W  
**ciliaris** L., N, W, C, E, S
- 539 **ANTHEPHORA** Schreb.  
*gracilis* Stapf & C.E.Hubb. = **A. truncata**  
**pubescens** Nees, S  
**truncata** Robyns, N, S  
 (*A. gracilis* Stapf & C.E.Hubb.)
- 546 **ISACHNE** R.Br.  
*aethiopica* Stapf & C.E.Hubb. = **I. mauritiana**  
**mauritiana** Kunth, E  
 (*I. aethiopica* Stapf & C.E.Hubb.)  
*nervata* Franch. = **Panicum nervatum**
- 549 **COELACHNE** R.Br.  
**africana** Pilg., E  
 (*C. paludosa* Peter)
- 557 **ARUNDINELLA** Raddi  
**nepalensis** Trin., W, C, E, S  
 (*A. rigida* Nees)  
*rigida* Nees = **A. nepalensis**
- 559 **DANTHONIOPSIS** Stapf  
**chimanianiensis** (J.B.Phipps) Clayton, E  
 (*Gazacilua chimanianiensis* J.B.Phipps)  
**dinteri** (Pilg.) C.E.Hubb., S  
 (*Jacquesfelixia dinteri* (Pilg.) J.B.Phipps)  
*minor* Stapf & C.E.Hubb. = **D. viridis**  
**petiolata** (J.B.Phipps) Clayton, W  
 (*Ratraya petiolata* J.B.Phipps)  
**pruinosa** C.E.Hubb., N, W, C, E, S  
 (*D. pruinosa* var. *gracilis* C.E.Hubb.)  
 (*Petrina pruinosa* (C.E.Hubb.) J.B.Phipps)  
*pruinosa* var. *gracilis* C.E.Hubb. = **D. pruinosa**
- 553 **PENNISETUM** Rich.  
**\*clandestinum** Chiov., W, C, E, S  
**glaucum** (L.) R.Br., N, W, C  
 (*P. typhodes* (Burm.) Stapf & C.E.Hubb.)

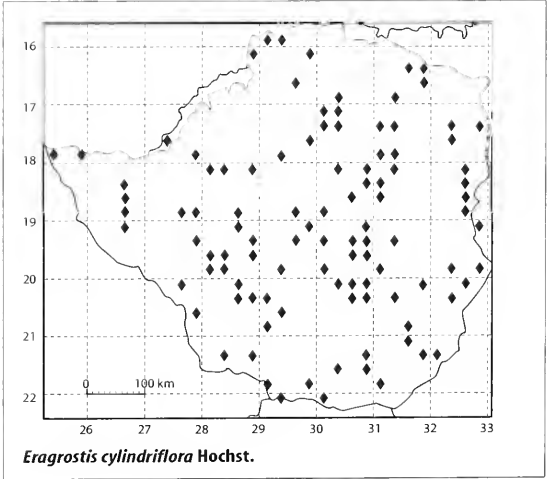
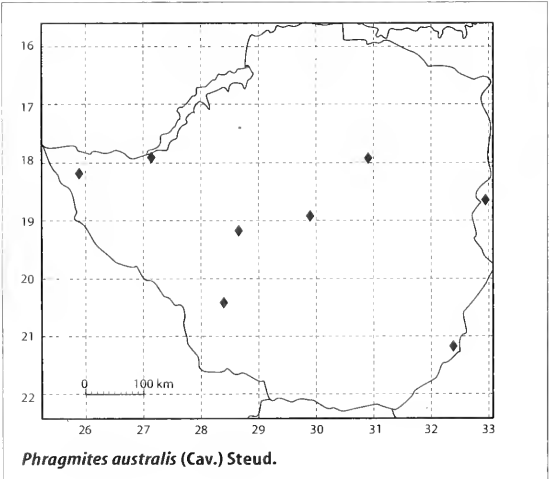
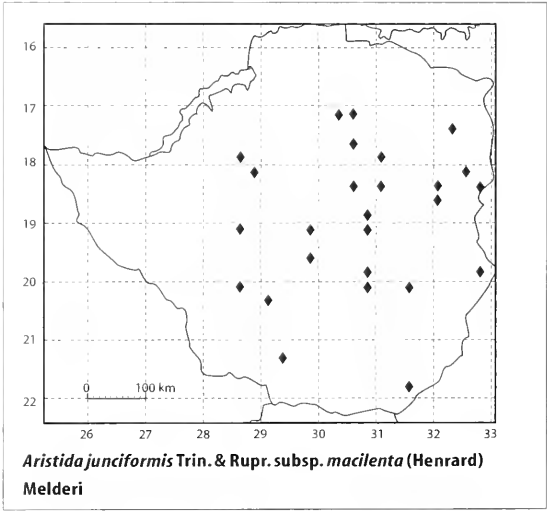
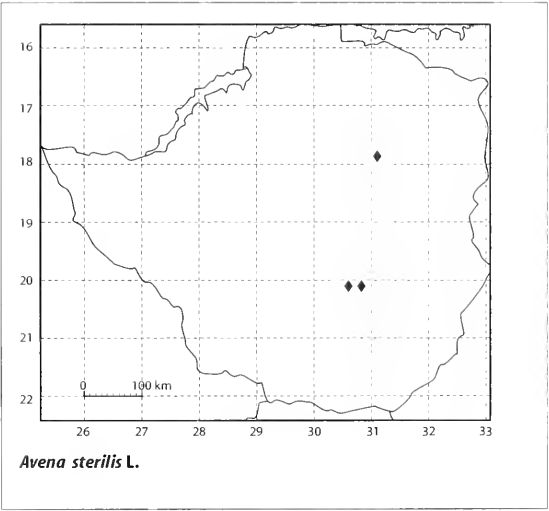
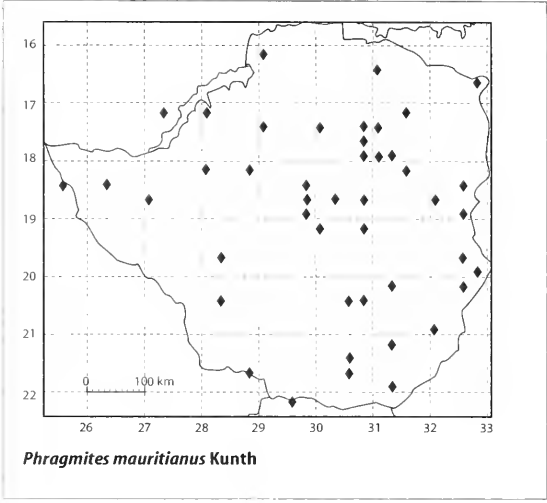
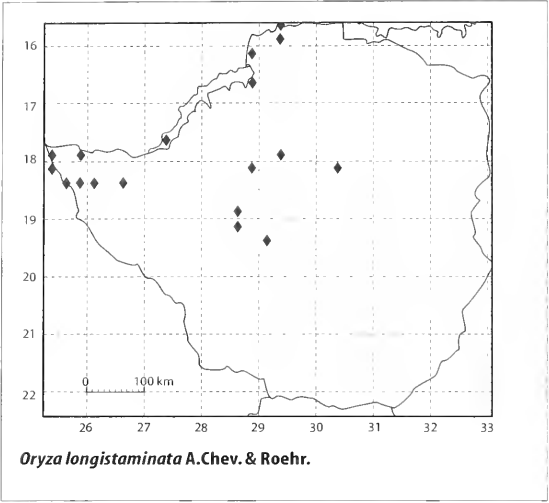
- 559 **DANTHONIOPSIS** Stapf (cont.)  
**viridis** (Rendle) C.E.Hubb., N, W, C  
 (*D. minor* Stapf & C.E.Hubb.)  
 (*D. westii* J.B.Phipps)  
*westii* J.B.Phipps = **D. viridis**
- 559/1 **GAZACHLOA** J.B.Phipps  
*chimanimaniensis* J.B.Phipps = **Danthoniopsis chimanimaniensis**
- 559/2 **JACQUESFELIXIA** J.B.Phipps  
*dinteri* (Pilg.) J.B.Phipps = **Danthoniopsis dinteri**
- 559/3 **RATTRAYA** J.B.Phipps  
*petiolata* J.B.Phipps = **Danthoniopsis petiolata**
- 559/4 **PETRINA** J.B.Phipps  
*pruinosa* (C.E.Hubb.) J.B.Phipps = **Danthoniopsis pruinosa**
- 561 **TRISTACHYA** Nees  
*hispida* (L.f.) K.Schum. = **T. leucothrix**  
*hitchcockii* (C.E.Hubb.) Conert = **T. lualabaensis**  
**leucothrix** Nees, N, W, C, E, S  
 (*T. hispida* (L.f.) K.Schum.)  
**lualabaensis** (De Wild.) J.B.Phipps, W  
 (*T. hitchcockii* (C.E.Hubb.) Conert)  
*lualabaensis* Clayton = **T. lualabaensis**  
**nodiglumis** K.Schum., N, W, C, E, S  
 (*Dolichochaete longispiculata* (C.E.Hubb.) J.B.Phipps)  
 (*Dolichochaete nodiglumis* (K.Schum.) J.B.Phipps)  
**rehmannii** Hack., N, W, C  
 (*Dolichochaete rehmannii* var. *pilosa* (C.E.Hubb.) J.B.Phipps)  
 (*T. rehmannii* var. *helenae* (Buscal. & Muschl.) C.E.Hubb.)  
*rehmannii* var. *helenae* (Buscal. & Muschl.) C.E.Hubb. = **T. rehmannii**  
**superba** (De Not.) Schweinf. & Asch., N, W, C  
 (*Loudetia superba* De Not.)  
 (*Trichopteryx gigantea* Stapf)  
*welwitschii* var. *major* C.E.Hubb. = **T. nodiglumis**
- 561/1 **DOLICHOCHAETE** (C.E.Hubb.) J.B.Phipps  
*longispiculata* (C.E.Hubb.) J.B.Phipps = **Tristachya nodiglumis**  
*nodiglumis* (K.Schum.) J.B.Phipps = **Tristachya nodiglumis**  
*rehmannii* var. *mosambicensis* J.B.Phipps = **Tristachya rehmannii**  
*rehmannii* var. *pilosa* (C.E.Hubb.) J.B.Phipps = **Tristachya rehmannii**
- 562 **ZONOTRICHA** (C.E.Hubb.) J.B. Phipps  
**inamoena** (K.Schum.) Clayton
- 563 **TRICHOPTERYX** Nees  
**dregeana** Nees, E, S  
*elegantula* subsp. *stolziana* J.B.Phipps = **T. stolziana**  
*flavida* Stapf = **Loudetia flavida**  
*gigantea* Stapf = **Tristachya superba**  
*gracillima* C.E.Hubb. = **T. marungensis**  
*lanata* Stent & J.M.Rattray = **Loudetia lanata**  
**marungensis** Chiov., E  
 (*T. gracillima* C.E.Hubb.)  
**stolziana** Henrard  
 (*T. elegantula* subsp. *stolziana* J.B.Phipps)
- 565 **LOUDETIA** Steud.  
**arundinacea** (A.Rich.) Steud., N  
**flavida** (Stapf) C.E.Hubb., N, W, C, E, S  
 (*Trichopteryx flavida* Stapf)  
**lanata** (Stent & J.M.Rattray) C.E.Hubb., N, W, C, S  
 (*Trichopteryx lanata* Stent & J.M.Rattray)  
**simplex** (Nees) C.E.Hubb., N, W, C, E, S  
**superba** De Not. = **Tristachya superba**
- 569 **ERIOCHRYSIS** P.Beauv.  
**brachypogon** (Stapf) Stapf, C, E  
**pallida** Munro, E, S  
**purpurata** (Rendle) Stapf, E
- 570 **MISCANTHUS** Andersson  
**junceus** (Stapf) Pilg., N, W, C, E, S  
 (*Miscanthidium junceum* (Stapf) Stapf)  
**violaceus** (K.Schum.) Pilg., C, E, S  
 (*Miscanthidium violaceum* (K.Schum.) Robyns)
- 570/1 **MISCANTHIDIUM** Stapf  
*junceum* (Stapf) Stapf = **Miscanthus junceus**  
*violaceum* (K.Schum.) Robyns = **Miscanthus violaceus**
- 571 **IMPERATA** Cirillo  
*cylindrica* (L.) Raeusch. var. *africana* (Andersson) C.E.Hubb. = **I. cylindrica**  
*cylindrica* (L.) Raeusch. var. *major* (Nees) C.E.Hubb. = **I. cylindrica**  
**cylindrica** (L.) Raeusch., N, W, C, E, S  
 (*I. cylindrica* (L.) Raeusch. var. *africana* (Andersson) C.E.Hubb.)  
 (*I. cylindrica* (L.) Raeusch. var. *major* (Nees) C.E.Hubb.)
- 572 **EULALIA** Kunth  
**aurea** (Bory) Kunth, N, W, C  
 (*E. geniculata* Stapf)  
*geniculata* Stapf = **E. aurea**  
**villosa** (Thunb.) Nees, E

- 582 **TRACHYPOGON** Nees  
*capensis* (Thunb.) Trin. = **T. spicatus**  
**spicatus** (L.f.) Kuntze, N, W, C, E, S  
*(T. capensis* (Thunb.) Trin.)
- 584 **SORGHUM** Moench  
**\*dochna** (Forssk.) Snowden, C  
*aluuum* Parodi = **S. halepense**  
**bicolor** (L.) Moench subsp. **arundinaceum**  
 (Desv.) Stapf, N, W, C, E, S  
*(S. verticilliflorum* (Steud.) Stapf)  
**bicolor** (L.) Moench subsp. **drummondii**  
 (Steud.) de Wet, N  
*(S. sudanense* (Piper) Stapf)  
**halepense** (L.) Pers., N, W, C, S  
*(S. aluum* Parodi)  
*sudanense* (Piper) Stapf = **S. bicolor** subsp.  
**drummondii**  
**versicolor** Andersson, N, W, C, E, S  
*verticilliflorum* (Steud.) Stapf = **S. bicolor**  
 subsp. **arundinaceum**
- 586 **SORGHASTRUM** Nash  
**bipennatum** (Hack.) Pilg., N, C, E  
**friesii** (Pilg.) Pilg., N, W, C, S
- 588 **CLEISTACHNE** Benth.  
**sorghoides** Benth., N, C, E
- 589 **VETIVERIA** Bory  
**nigritana** (Benth.) Stapf, N, W, C
- 590 **CHRYSOPOGON** Trin.  
*montanus* Trin. var. *tremulus* (Hack.) Stapf =  
**C. serrulatus**  
**serrulatus** Trin., N, W, C, S  
*(C. montanus* Trin. var. *tremulus* (Hack.) Stapf)
- 591 **DICHANTHIUM** Willemet  
**annulatum** (Forssk.) Stapf var. **papillosum**  
 (A.Rich.) de Wet & Harlan, N, W, C, E, S  
*(D. nodosum* sensu Acocks)  
**aristatum** (Poir.) C.E.Hubb., C  
*bladhi* (Retz.) Clayton = **Bothriochloa bladhi**  
*nodosum* sensu Acocks = **D. annulatum** var.  
**papillosum**
- 594 **CAPILLIPEDIUM** Stapf  
**parvifolium** (R.Br.) Stapf, N, W, C, E, S
- 595 **BOTHRIOCHLOA** Kuntze  
**bladhi** (Retz.) S.T.Blake, N, W, C, E, S  
*(B. glabra* (Roxb.) A.Camus)  
*(Dichanthium bladhi* (Retz.) Clayton)  
*glabra* (Roxb.) A.Camus = **B. bladhi**  
**insculpta** (A.Rich.) A.Camus, N, W, C, E, S  
**radicans** (Lehm.) A.Camus, N, W, C, E, S
- 596 **EUCLASTA** Franch.  
**condylotricha** (Hochst. ex Steud.) Stapf, N, C
- 597 **ISCHAEMUM** L.  
**afrum** (J.F.Gmel.) Dandy, N, W, C, E, S  
*(I. brachyatherum* (Hochst.) Hack.)  
*(I. glaucostachyum* Stapf)  
*arcuatum* (Nees) Stapf = **I. fasciculatum**  
*brachyatherum* (Hochst.) Hack. = **I. afrum**  
**fasciculatum** Brongn., N, W, C, E, S  
*(I. arcuatum* (Nees) Stapf)  
*franksae* J.M.Wood = **Phacelurus franksae**  
*glaucostachyum* Stapf = **I. afrum**  
**rosementosum** J.B.Phipps, W, S
- 598 **THELEPOGON** Roth  
**elegans** Roem. & Schult., N
- 603 **SEHIMA** Forssk.  
**ischaemoides** Forssk., N, W, C, E, S
- 606 **ANDROPOGON** L.  
**appendiculatus** Nees, E  
**brazzae** Franch., W  
**chinensis** (Nees) Merr., N, W, C, E, S  
*(A. schinzii* Hack.)  
**distachyos** L., E  
**eucomus** Nees, N, W, C, E, S  
**fastigiatus** Sw., N, W, C, E, S  
*(Dietomis fastigiata* (Sw.) Kunth)  
**gayanus** Kunth var. **polycladus** (Hack.) Clay-  
 ton, N, W, C, E, S  
*(A. gayanus* Kunth var. *squamulatus* (Hochst.)  
 Stapf)  
*gayanus* Kunth var. *squamulatus* (Hochst.)  
 Stapf = **Adropogon gayanus** var. **poly-**  
**cladus**  
**huillensis** Rendle, C, E, S  
**lacunosus** J.G.Anderson, E  
**laxatus** Stapf, W, C, E  
**ligulatus** (Stapf) Clayton, W, C, E  
**mannii** Hook.f., E  
*(A. flabellifer* Pilg.)  
**perligulatus** Steud., N, C, E, S  
**roseus** Napper = **A. textilis**  
*schinzii* Hack. = **A. chinensis**  
**schirensis** A.Rich., N, W, C, E, S  
*(A. schirensis* A.Rich. var. *angustifolius* Stapf)  
*schirensis* A.Rich. var. *angustifolius* Stapf = **A.**  
**schirensis**  
**textilis** Rendle, N, C  
*(A. roseus* Napper)
- 606/1 **DIECTOMIS** Kunth  
*fastigiata* (Sw.) Kunth = **Andropogon fasti-**  
**giatus**
- 608 **CYMBOPOGON** Spreng.  
**\*citratus** (DC.) Stapf, C  
**caesius** (Hook. & Arn.) Stapf, N, W, C, E, S  
*(C. excavatus* (Hochst.) Stapf)  
*excavatus* (Hochst.) Stapf = **C. caesius**  
**giganteus** Chiov., N, C, S

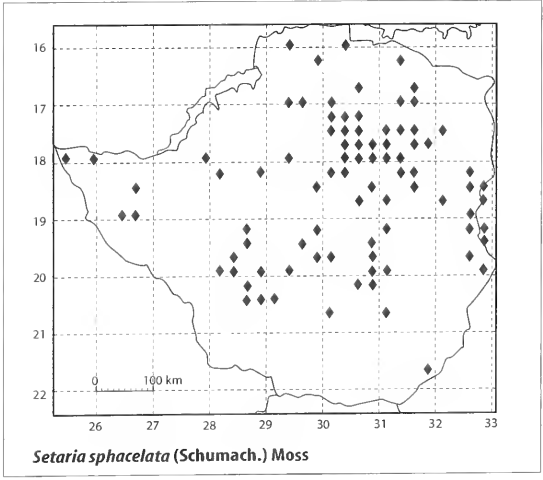
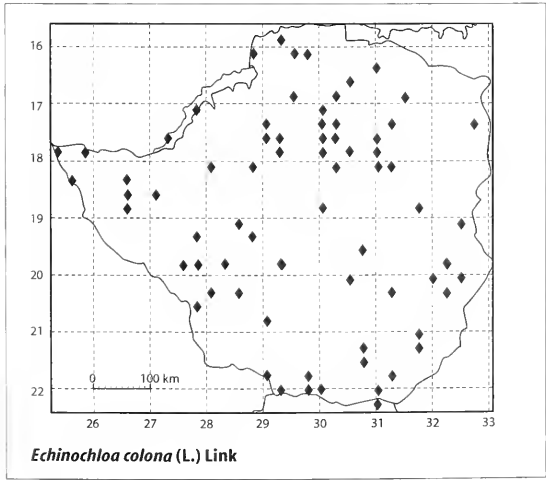
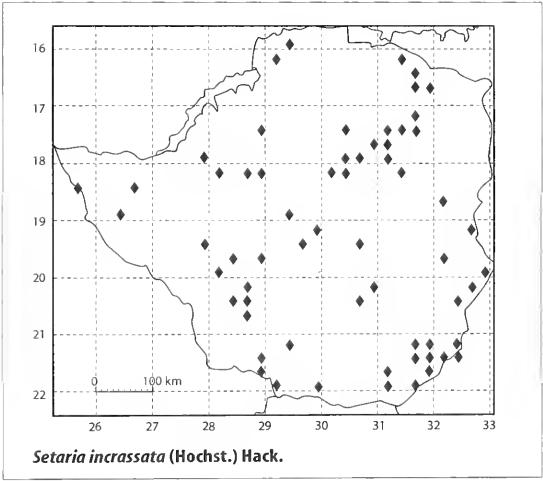
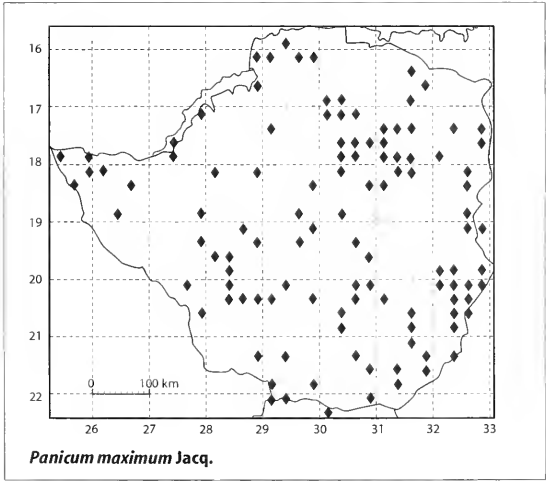
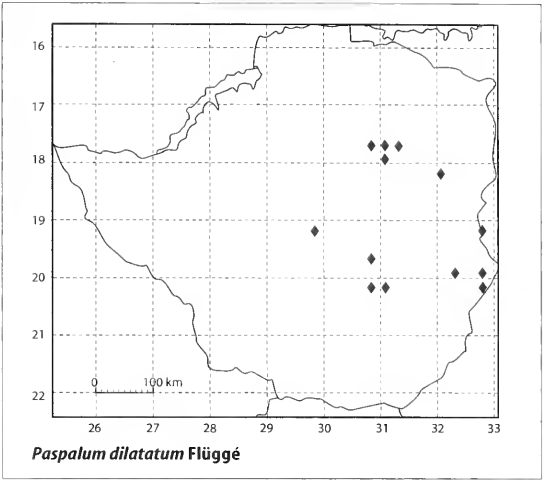
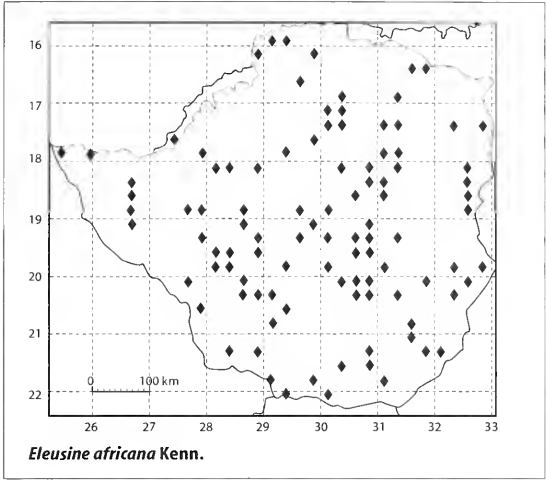
- 608 **CYMBOPOGON** Spreng. (cont.)  
**nardus** (L.) Rendle, N, W, C, E, S  
*(C. validus* Burt Davy)  
*plurinodis* (Stapf) Burt Davy = **C. pospischilii**  
**pospischilii** (K.Schum.) C.E.Hubb., N, W, C, S  
*(C. plurinodis* (Stapf) Burt Davy)  
*validus* Burt Davy = **C. nardus**
- 609 **SCHIZACHYRIUM** Nees  
**brevifolium** (Sw.) Büse, N, W, C, E  
**exile** (Hochst.) Pilg., N, W, C, E, S  
*(S. inclusum* Stent)  
*inclusum* Stent = **S. exile**  
**jeffreysii** (Hack.) Stapf, N, W, C, E, S  
*(S. ursulus* Stapf)  
**mukuluense** B.K.Simon, N, C, E, S  
**sanguineum** (Retz.) Alston, N, W, C, E, S  
*ursulus* Stapf = **S. jeffreysii**
- 610 **ARTHRAOXON** P.Beauv.  
**lancifolius** (Trin.) Hochst., N, W, E
- 611 **DIHETEROPOGON** (Hack.) Stapf  
**amplectens** (Nees) Clayton, N, W, C, E  
**grandiflorus** (Hack.) Stapf, C, E
- 612 **HYPARRHENIA** Fourn.  
**anamesa** Clayton, N, W, C, E, S  
**bracteata** (Willd.) Stapf, N, C, E, S  
**collina** (Pilg.) Stapf, N, W, C, E, S  
**cymbaria** (L.) Stapf, N, W, C, E, S  
**dichroa** (Steud.) Stapf, N, W, C, E, S  
**diplandra** (Hack.) Stapf, E  
*dissoluta* (Nees ex Steud.) C.E.Hubb. = **Hyperthelia dissoluta**  
**dregeana** (Nees) Stapf, N, E  
*cylesii* C.E.Hubb. = **Elymandra grallata**  
**familiaris** (Steud.) Stapf, N  
**filipendula** (Hochst.) Stapf var. **filipendula**,  
N, W, C, E, S  
**filipendula** (Hochst.) Stapf var. **pilosa**  
(Hochst.) Stapf, N, W, C, E, S  
**finitima** (Hochst.) Andersson, N, C, E, S  
**gazensis** (Rendle) Stapf, N, E, S  
*glauca* Stent = **H. tamba**  
**hirta** (L.) Stapf, N, C, E  
**newtonii** (Hack.) Stapf var. **macra** Stapf, N,  
C, E  
**newtonii** (Hack.) Stapf var. **newtonii**, N, C,  
E  
**nyassae** (Rendle) Stapf, N, W, C, E, S  
**pilgeriana** C.E.Hubb., C, E  
**poecilotricha** (Hack.) Stapf, N, W, C, E  
**quarrei** Robyns, C, E  
**rudis** Stapf, N, W, C  
**rufa** (Nees) Stapf var. **rufa**, N, W, C, E, S  
**schimperii** (A.Rich.) Stapf, N, C, S  
**tamba** (Steud.) Stapf, N, C
- (H. glauca* Stent)  
**variabilis** Stapf, N, C, E, S  
**welwitschii** (Rendle) Rendle, N
- 614 **HYPERTHELIA** Clayton  
**dissoluta** (Nees) Clayton, N, W, C, E, S  
*(Hyparrhenia dissoluta* (Nees ex Steud.) C.E.  
Hubb.)
- 616 **ELYMANDRA** Stapf  
**grallata** (Stapf) Clayton, N, W, C, E  
*(Hyparrhenia cylesii* C.E.Hubb.)  
**lithophila** Clayton, E
- 618 **MONOCYMBIUM** Stapf  
**ceresiiforme** (Nees) Stapf, N, W, C, E, S
- 621 **HETEROPOGON** Pers.  
**contortus** (L.) Roem. & Schult., N, W, C, E, S  
**melanocarpus** (Elliott) Benth., N, W, C, E, S
- 622 **THEMEDA** Forssk.  
**triandra** Forssk., N, W, C, E, S
- 624 **URELYTRUM** Hack.  
**agropyroides** (Hack.) Hack., C, E, S  
*(U. squarrosus* Hack.)  
*squarrosus* Hack. = **U. agropyroides**
- 625 **LOXODERA** Launert  
**caespitosa** (C.E.Hubb.) Simon, C
- 626 **ELIONURUS** Kunth  
*argenteus* Nees = **E. muticus**  
**muticus** (Spreng.) Kunth, N, W, C, E, S  
*(Eliomurus argenteus* Nees)  
*trapnellii* C.E.Hubb. = **E. tripsacoides**  
**tripsacoides** Willd., N, C  
*(E. trapnellii* C.E.Hubb.)
- 627 **PHACELURUS** Griseb.  
**franksae** (J.M.Wood) Clayton, E  
*(Ischaemum franksae* J.M.Wood)
- 628 **VOSSIA** Wall. & Griff.  
**cuspidata** (Roxb.) Griff., N, W, S
- 629 **HEMARTHRIA** R.Br.  
**altissima** (Poir.) Stapf & C.E.Hubb., N, W, C,  
E, S
- 631 **RHYTACHNE** Desv.  
**rottboellioides** Desv., C, E, S
- 632 **COELORACHIS** Brongn.  
**afruarita** (Stapf) Stapf, C, E, S  
*(Rottboellia afruarita* Stapf)

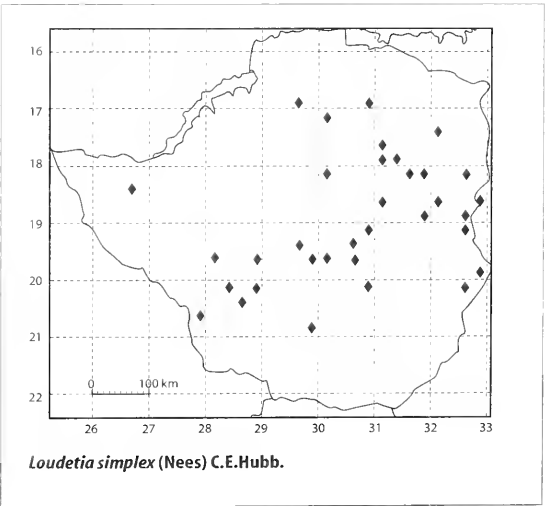
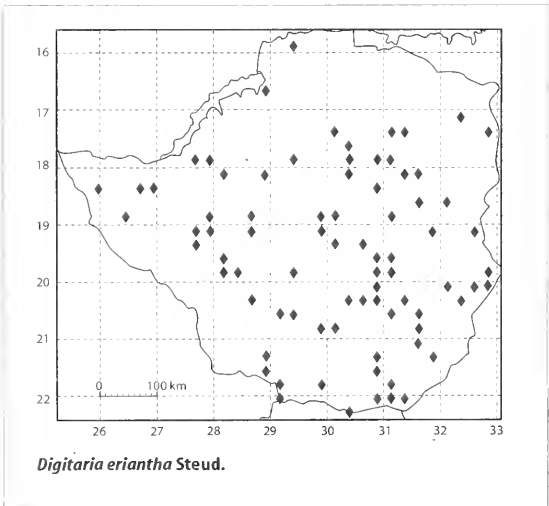
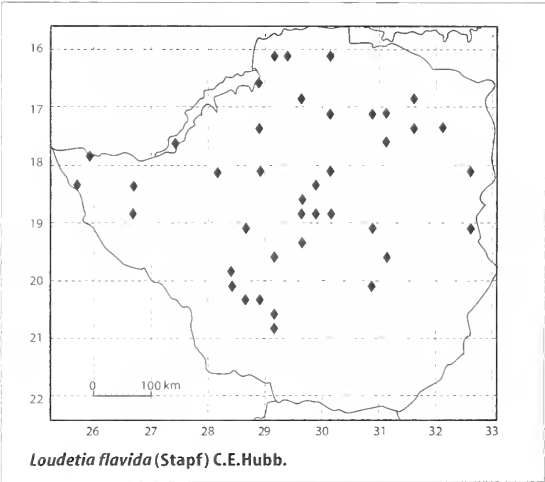
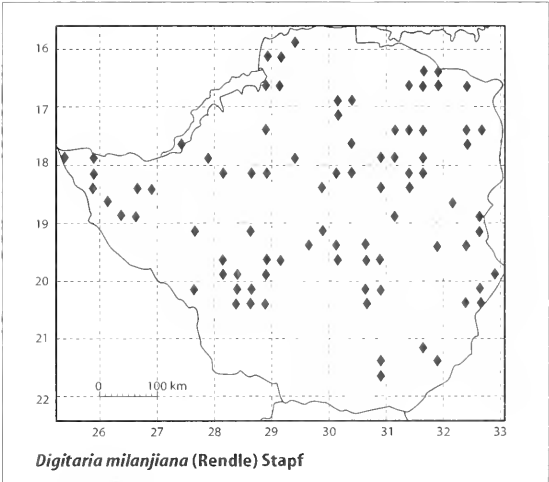
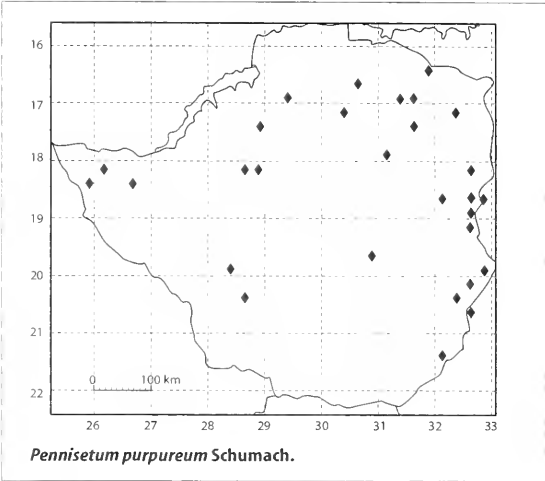
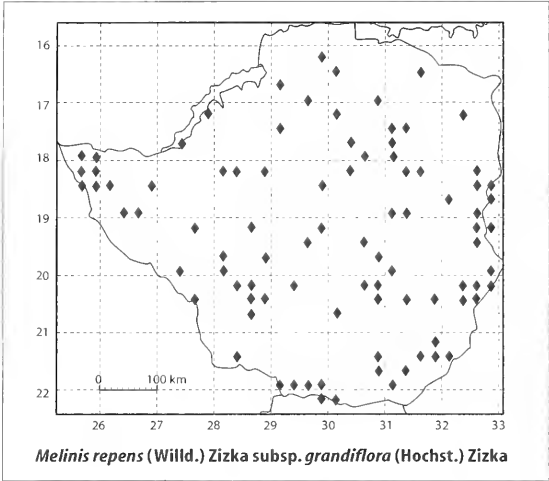
- 635 **ROTTBOELLIA** L.f.  
*afruarita* Stapf = *Coelorachis afruarita*  
**cochinchinensis** (Lour.) Clayton, N, W, C, E,  
S  
(*Rottboellia exaltata* L.f.)  
*exaltata* L.f. = **R. cochinchinensis**
- 637 **HACKELOCHLOA** Kuntze  
**granularis** (L.) Kuntze, N, W, E, S
- 651 **COIX** L.  
**lacryma-jobi** L., C

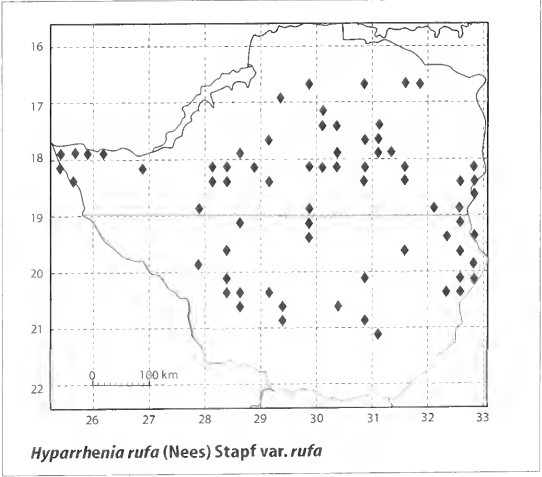
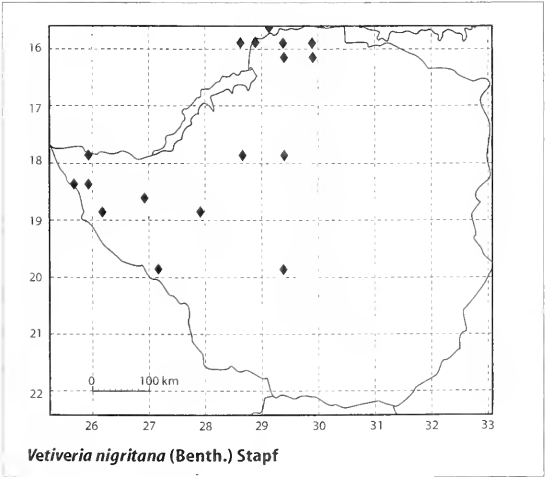
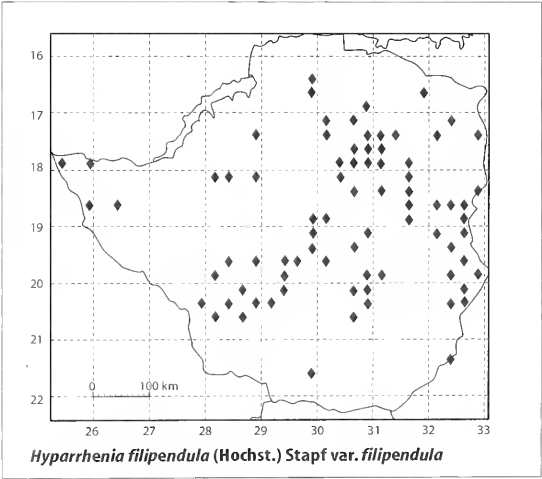
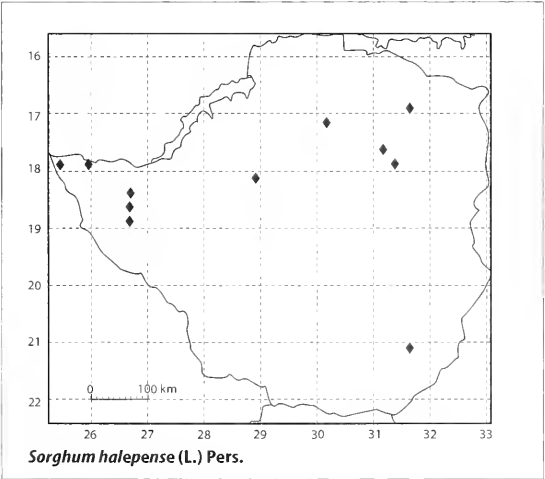
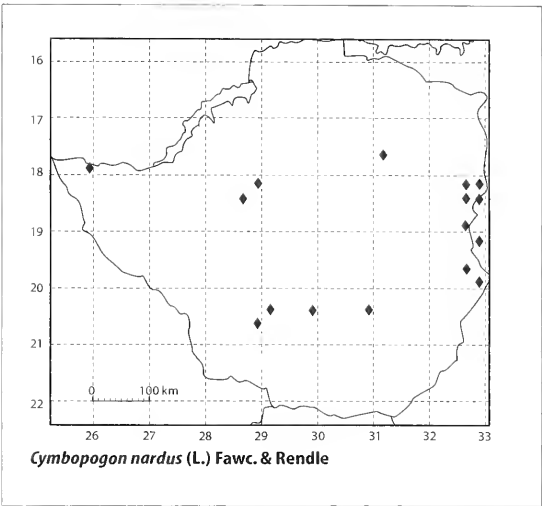
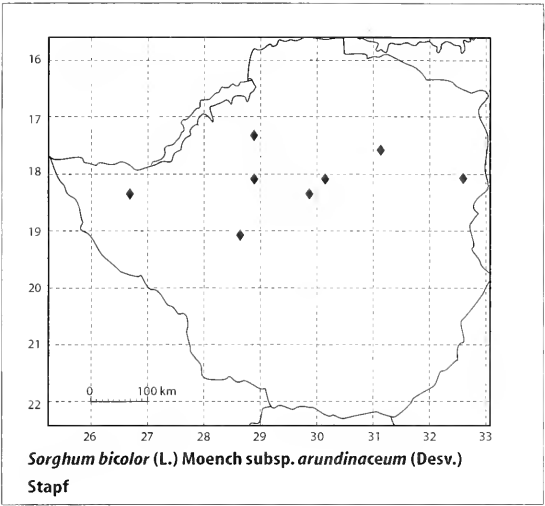
Distribution maps of useful grasses

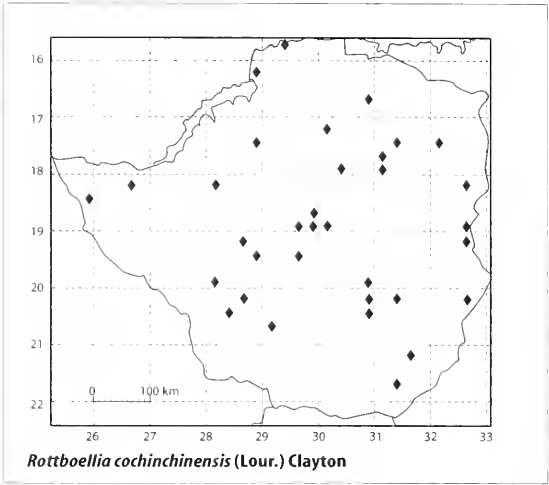
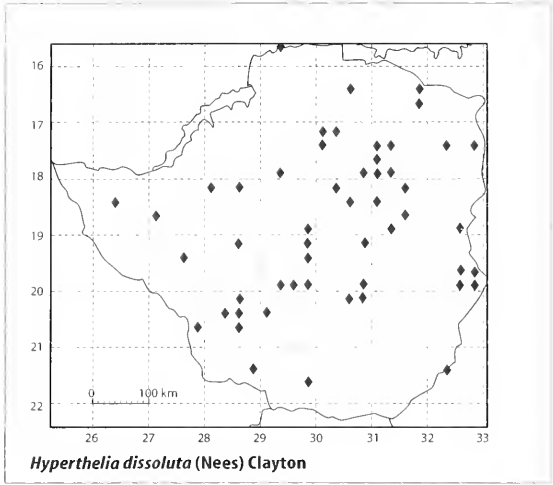












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## About SABONET

This publication is a product of the Southern African Botanical Diversity Network (SABONET), a programme aimed at strengthening the level of botanical expertise, expanding and improving herbarium and botanic garden collections, and fostering closer collaborative links among botanists in the southern African subcontinent.

The main objective of SABONET is to develop a strong core of professional botanists, taxonomists, horticulturists, and plant diversity specialists within the ten countries of southern Africa (Angola, Botswana, Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, Zambia and Zimbabwe). This core group will be competent to inventory, monitor, evaluate, and conserve the botanical diversity of the region in the face of specific development challenges, and to respond to the technical and scientific needs of the Convention on Biological Diversity.

To enhance the human resource capacity and infrastructure available in the region, SABONET offers training courses, workshops, and collaborative expeditions in under-collected areas. The programme produces a newsletter, *SABONET News*, and a series of occasional publications, the *Southern African Botanical Diversity Network Report Series*, of which this publication is part.

SABONET is co-funded by:

- The United States Agency for International Development (USAID/World Conservation Union—Regional Office for southern Africa (IUCN-ROSA))
- The Global Environment Facility (GEF)/United Nations Development Programme (UNDP)

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## Other publications in this series

1. **\*Southern African national herbaria: status reports, 1996.** C.K. Willis (ed.). March 1997. 59 pp. ISBN 1-874907-36-6.
2. **\*Index herbariorum: southern African supplement.** G.F. Smith and C.K. Willis (eds). September 1997. 55 pp. ISBN 1-874907-37-4.
3. **PRECIS Specimen database user guide.** C.A. Prentice and T.H. Arnold. May 1998. 130 pp. ISBN 1-874907-39-0.
4. **\*†Inventory, evaluation and monitoring of botanical diversity in southern Africa: a regional capacity and institution building network (SABONET).** B.J. Huntley, E.M. Matos, T.T. Aye, U. Nemark, C.R. Nagendran, J.H. Seyani, M.A.C. da Silva, S. Izidine, G.L. Maggs, C. Mannheimer, R. Kubirske, G.F. Smith, M. Koekemoer, G.M. Dlamini, P.S.M. Phiri, N. Nobanda and C.K. Willis. November 1998. 73 pp. ISBN 1-919795-36-7.
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15. **Addressing the needs of the users of botanical information.** Y. Steenkamp and G.F. Smith. (June 2002) 56 pp. ISBN 1-919795-65-0. (reprinted in August 2002)

\* Out of print.

† Available in PDF format on the SABONET web site: <http://www.sabonet.org/publications/download.htm>



## LOCATION

**Physical address:** the National Herbarium and Botanic Garden is situated about 4 km North of the Harare city centre within the suburb of Alexandra Park, on the corner of Fifth Street extension and Downie Avenue. It is easily accessed from either Fifth Street or Sam Nujoma Street.

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## MANDATE

The National Herbarium and Botanic Garden is a centre for research and information on the indigenous plants of Zimbabwe. It is responsible for the study of Zimbabwe flora in order to promote its conservation, development and sustainable use. Its mission is: To increase knowledge and appreciation of Zimbabwean plants. It fulfills this mission by looking after the plant specimens that are the essential resource material required in studying plant characters in order to arrive at their identity and names. The National Herbarium stores preserved plant specimens while the living specimens are grown in the National Botanic Garden.

The institute has three interlinked sections: the herbarium, the botanic garden and the education centre.

The Herbarium has about 500 000 plant specimens. It is the main reference centre for research on identifying and naming plants of the Flora Zambesiaca Region. This region comprises Zimbabwe, Zambia, Malawi, Mozambique, Botswana and the Caprivi.

The Botanic Garden grows over 900 trees and shrubs of Zimbabwe in groups to show the associations that are found in various parts of the country. It has sections with trees of the Highveld, Lowveld and Eastern Highlands. Also growing are a number of trees from other countries that have climatic conditions similar to Zimbabwe e.g. Asia and Australia.

The Education Centre disseminates information on the plants of Zimbabwe and the plant kingdom in general to educational institutions especially schools.

The aims and objectives of the National Herbarium and Botanic Garden can be summarized as follows:

- i) to conserve, enhance and curate Zimbabwe's principal collection of botanical specimens for national and international reference and study;
- ii) to do scientific research and documentation on Zimbabwean plants and plant communities based on the herbarium collection and field surveys;
- iii) to provide botanical services to Government Departments, NGOs, students, researchers and the public;
- iv) to provide a focal point for the international network of herbaria, in order to facilitate research on the flora of Zimbabwe and the region by national and international researchers;
- v) to provide a pleasant and peaceful environment in which the Harare community can enjoy activities that are compatible with Botanic Garden management;
- vi) to raise revenue that will help in the development and maintenance of the National Herbarium and Botanic Garden.

## ADMINISTRATION

The National Herbarium and Botanic Garden is administered by the Division of Agricultural Research and Extension (AREX), in the Ministry of Lands, Agriculture and Rural Resettlement, in conjunction with the Botanic Garden Fund Committee. The latter is a Board of Trustees who are appointed by the Minister of Agriculture. Their main role is to compliment government efforts in the running of the institute by raising funds. Some of the notable achievements of this committee in recent years include the fencing and upgrading of the public car park, the construction of the Restaurant, Desert House, Education Centre, Office Block of the nursery and the refurbishment of the National Herbarium. In short, the Botanic Garden Fund Committee spearheads almost all development projects at the National Herbarium and Botanic Garden.



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